Quick Start

Panasonic

Plain Paper FAX
with 900 MHz Cordless Phone

Model No.

KX-FPC141

To get started, please read the Quick Start section (p. 5 – 13).

OPERATING INSTRUCTIONS

- This unit is designed for use in the United States of America, and may not operate in other countries. (See page 141 for more details.)
- Este producto ha sido diseñado para su uso en los Estados Unidos de América, y puede no funcionar correctamente en otros países. (Consulte la página 141 para tener más detalles.)

Please read these Operating Instructions before using the unit and save for future reference.

FOR OPERATION ASSISTANCE,
CALL 1-800-HELP-FAX (1-800-435-7329)
OR SEND A FAX TO 1-215-741-6376.

Comienzo rápido (p. 142)

Thank you for purchasing a Panasonic facsimile.

Welcome to the world of Panasonic facsimiles.

This product combines facsimile, telephone, telephone answering device and copier features to provide you with more efficient office or home use. By utilizing these convenient features, you can maximize the effectiveness of this unit.

Things you should keep record of

Attach your sales receipt here

For your future reference

Date of purchase _____ Serial number _____
(found on the rear of the unit)

Dealer's name and address _____

Dealer's telephone number _____

Caution:

- The Telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile;
  — Date and time of transmission,
  — Identification of the business, entity or person(s) sending the facsimile, and
  — Telephone number of the business, entity or person(s).
  To program this information into your unit, complete all the instructions on pages 27 to 30.
- Note that the images of copied or received documents will remain on the used film. Use discretion when disposing of the used film cartridge.
- Do not rub or use an eraser on the printed side, as the print may smear.
- If you have not applied to the *fax*SĀV® service, you will not be able to use the IQ-FAX function (p. 62–64).

Trademarks

*fax*SĀV is a registered trademark of FaxSav Incorporated.
Hammermill is a registered trademark of INTERNATIONAL PAPER in the United States and/or other countries.
All other trademarks identified herein are the property of their respective owners.

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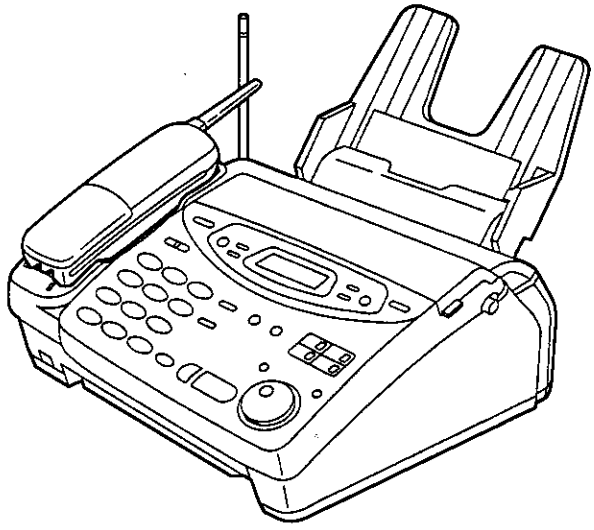
For best performance

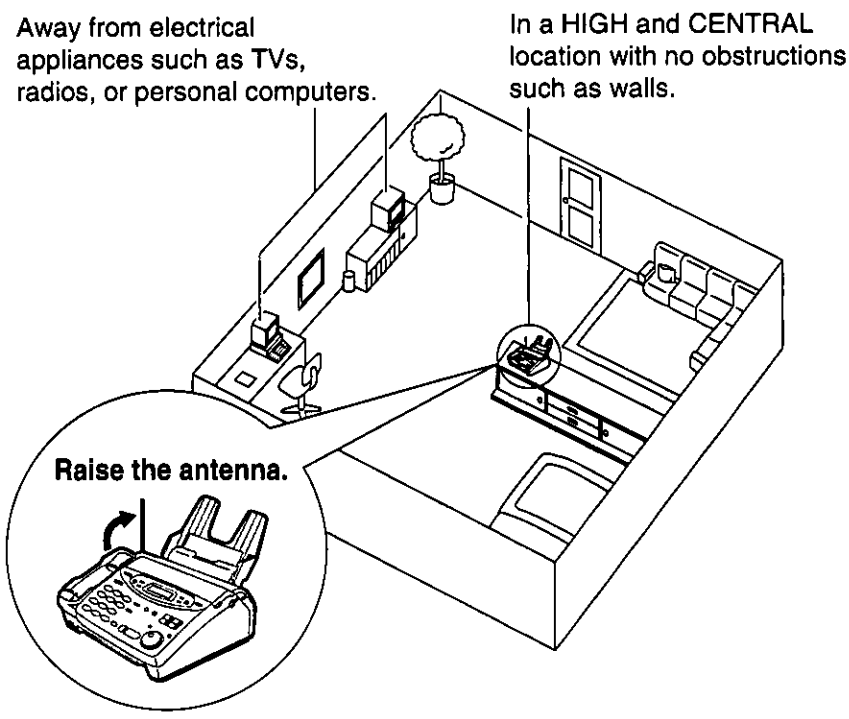
Battery charge

To power the handset, charge for about **4 hours** before initial use (p. 32).



Operating distance and noise

Calls are transmitted between the main unit and the handset using wireless radio waves. **For maximum distance and noise free operation,** the recommended main unit location is:


Away from electrical appliances such as TVs, radios, or personal computers.
In a HIGH and CENTRAL location with no obstructions such as walls.
Raise the antenna.

Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bath tub, wash bowl, kitchen sink, or the like.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. For safety purposes this unit is equipped with a three prong grounded plug. If you do not have this type of outlet, please have one installed. Do not use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicenter when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorized servicenter when the following conditions occur:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicenter.
    E. If the unit has been dropped or physically damaged.
    F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) specified.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING:

- To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.

OTHER INFORMATION:

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

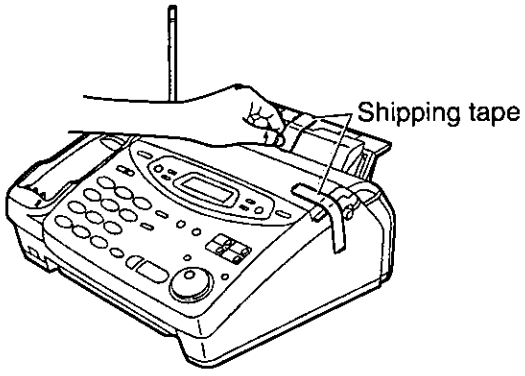
SAVE THESE INSTRUCTIONS

For Fax advantage assistance, call 1-800-435-7329.

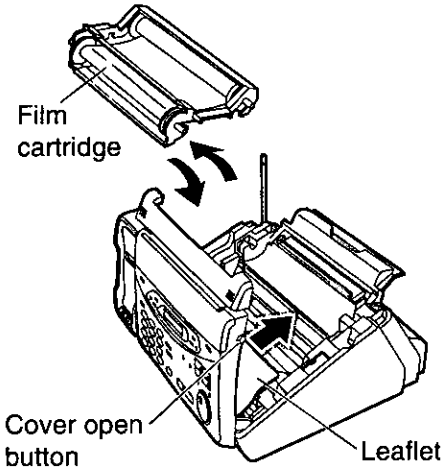
Installation

Before installation (p. 22)

A. Remove the shipping tape.

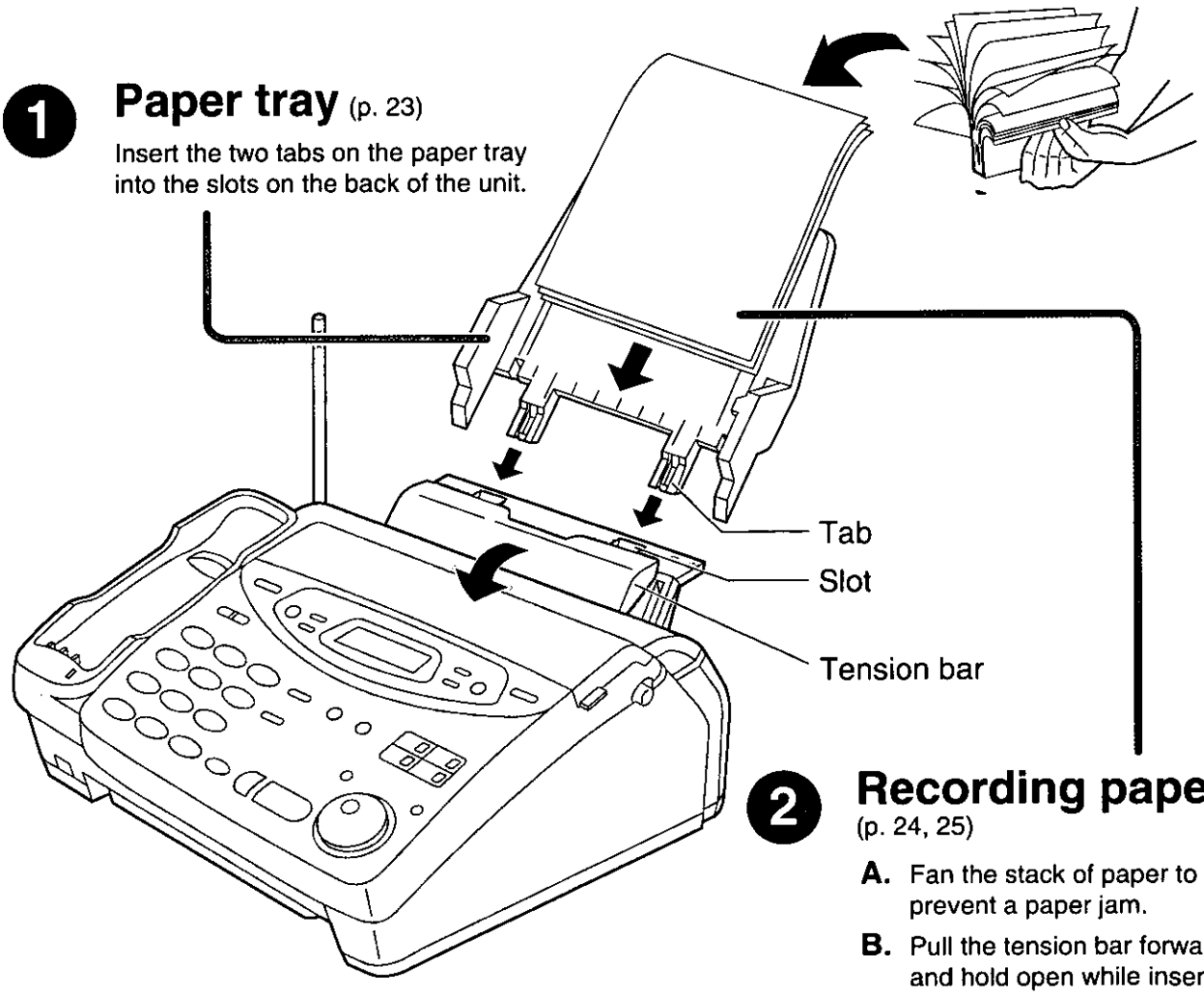


B. Open the cover, remove the leaflet under the film cartridge and close the cover.



1 Paper tray (p. 23)

Insert the two tabs on the paper tray into the slots on the back of the unit.



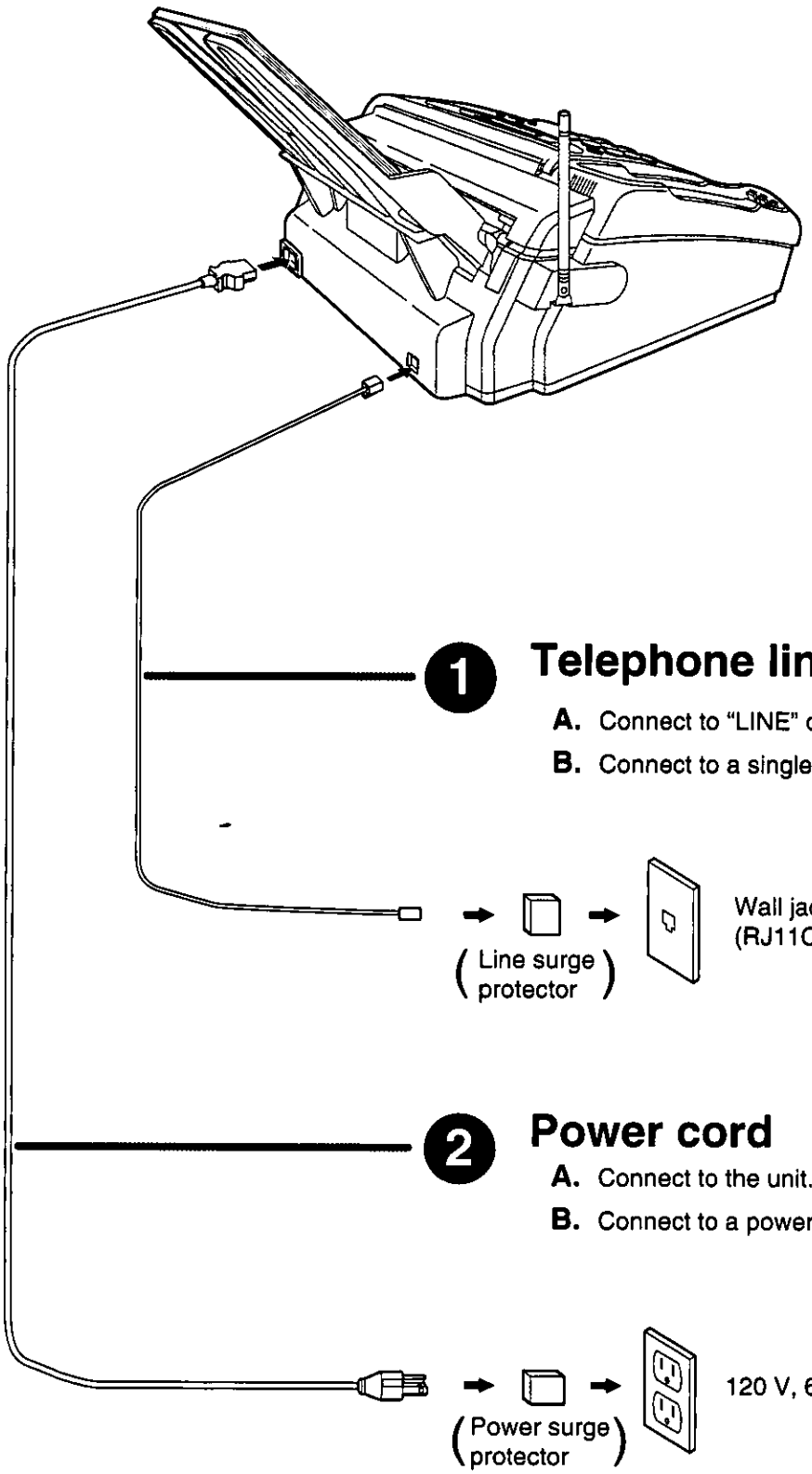
2 Recording paper (p. 24, 25)

A. Fan the stack of paper to prevent a paper jam.

B. Pull the tension bar forward and hold open while inserting the paper.

For Fax advantage assistance, call 1-800-435-7329.

Connections

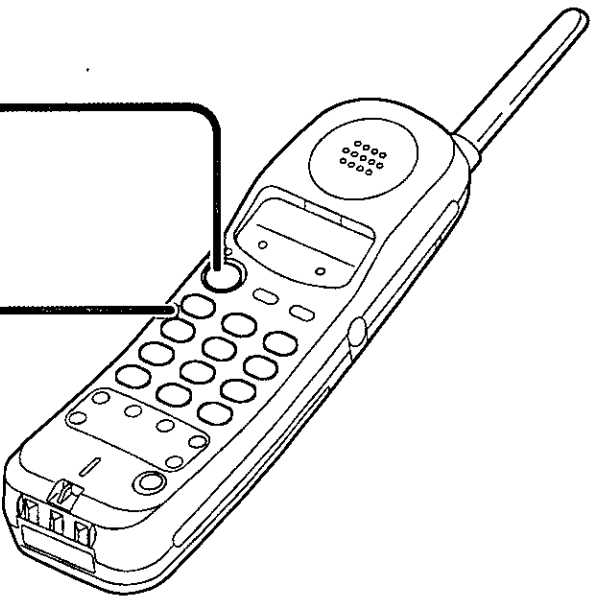


• For further details, see page 26.

For Fax advantage assistance, call 1-800-435-7329.

Voice calls - making

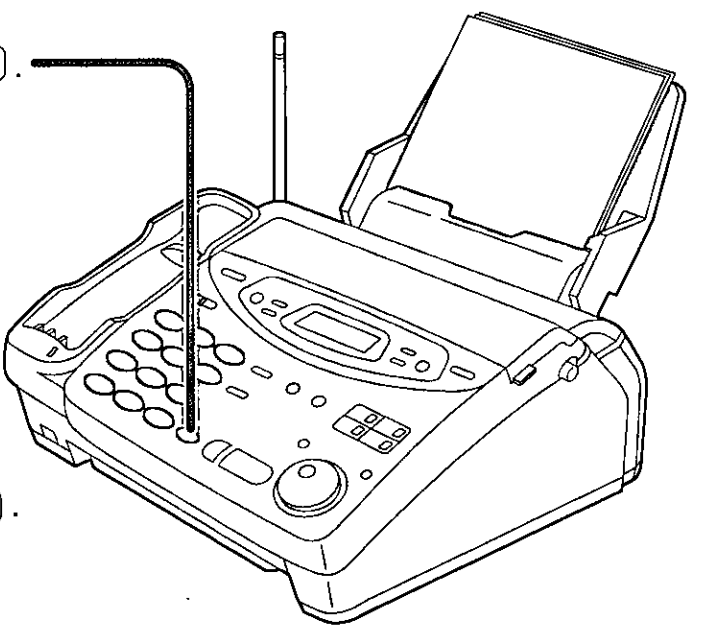
■ Using the handset



1. Press TALK.
2. Dial the number.
3. When finished talking, press TALK.

- For further details, see page 35.
- If you are having trouble, see pages 121 and 122.

■ Using the speakerphone



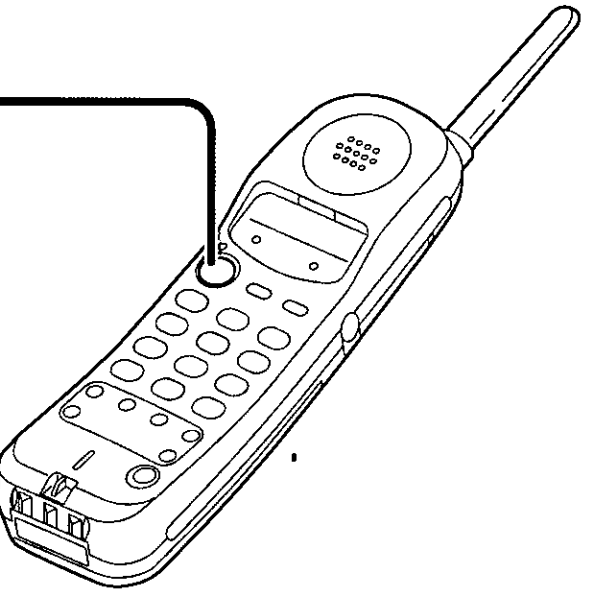
1. Press DIGITAL SP-PHONE.
2. Dial the number.
3. When finished talking, press DIGITAL SP-PHONE.

- For further details, see page 36.
- If you are having trouble, see page 121.

Voice calls - answering

■ Handset is off the main unit

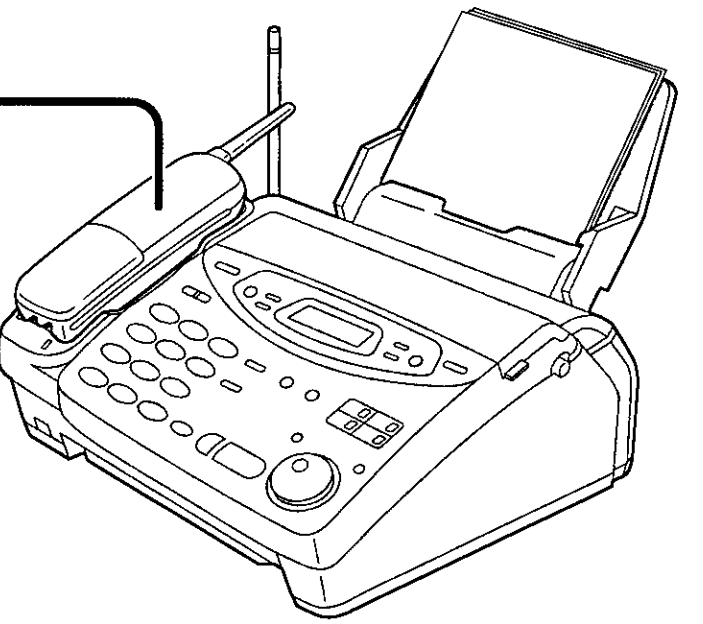
1. When the handset rings, press TALK.
2. When finished talking, press TALK.



- For further details, see page 37.
- If you are having trouble, see pages 121 and 122.

■ Handset is on the main unit

1. When the unit rings, lift the handset.
2. When finished talking, replace the handset.



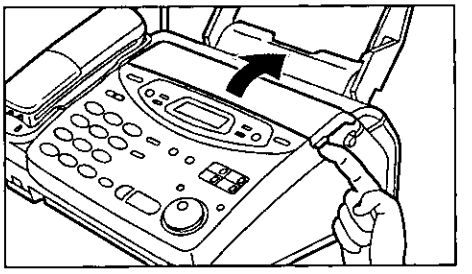
- For further details, see page 37.
- If you are having trouble, see pages 121 and 122.

For Fax advantage assistance, call 1-800-435-7329.

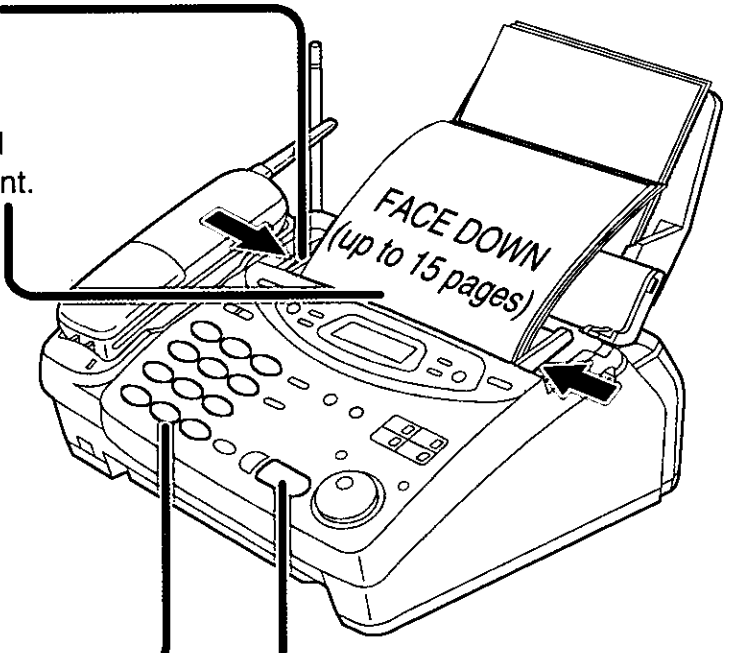
Faxes - sending/receiving

Faxes - sending

1. Open the document feeder tray.



2. Adjust the width of the document guides to the size of the document.
3. Insert the document until a single beep is heard and the unit grabs the document.

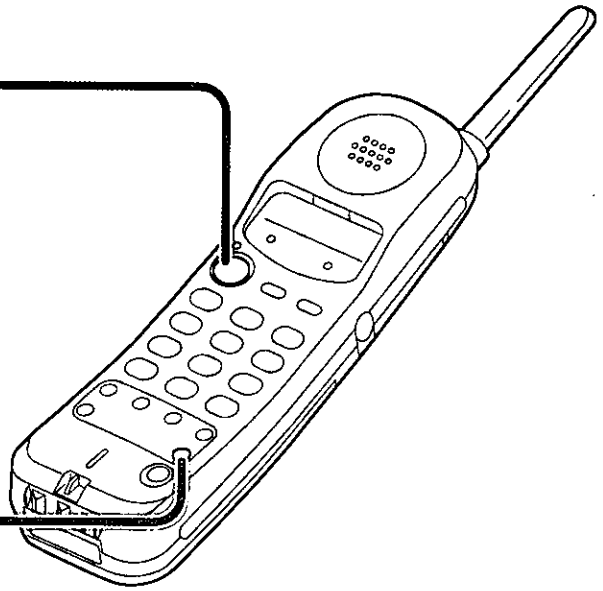


4. Dial the fax number.
5. Press **START/SET/COPY**.

- For further details, see page 59.
- If you are having trouble, see page 123.

Faxes - receiving

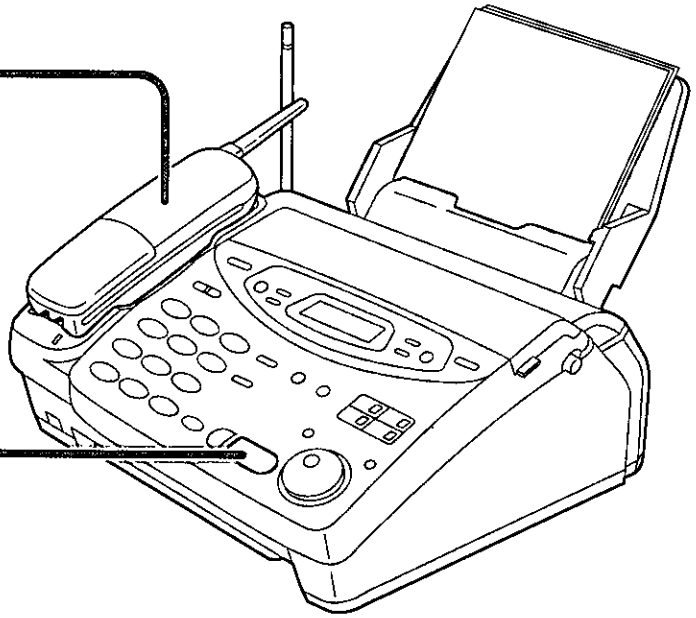
■ Handset is off the main unit



1. When the handset rings, press TALK.
2. When:
   — document reception is required,
   — a fax calling tone (slow beep) is heard, or
   — no sound is heard,
   press **FAX until a single beep is heard.**

- For further details, see page 78.
- **You can select the way to receive calls according to your needs (p. 76, 77).**
- If you are having trouble, see pages 122 and 123.

■ Handset is on the main unit



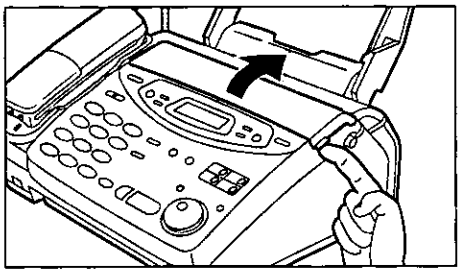
1. When the unit rings, lift the handset.
2. When:
   — document reception is required,
   — a fax calling tone (slow beep) is heard, or
   — no sound is heard,
   press START/SET/COPY.
3. Replace the handset.

- For further details, see page 78.
- **You can select the way to receive calls according to your needs (p. 76, 77).**
- If you are having trouble, see page 123.

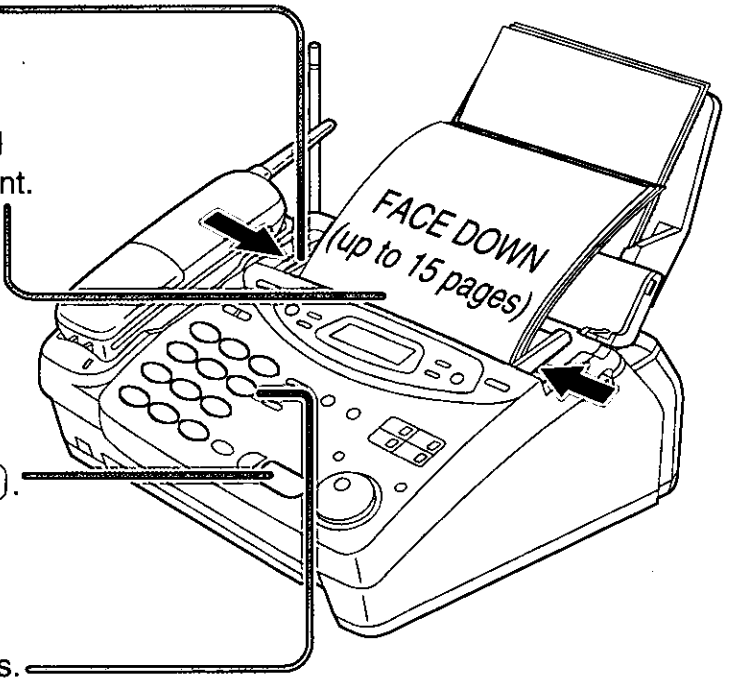
For Fax advantage assistance, call 1-800-435-7329.

Copying

1. Open the document feeder tray.



2. Adjust the width of the document guides to the size of the document.
3. Insert the document until a single beep is heard and the unit grabs the document.



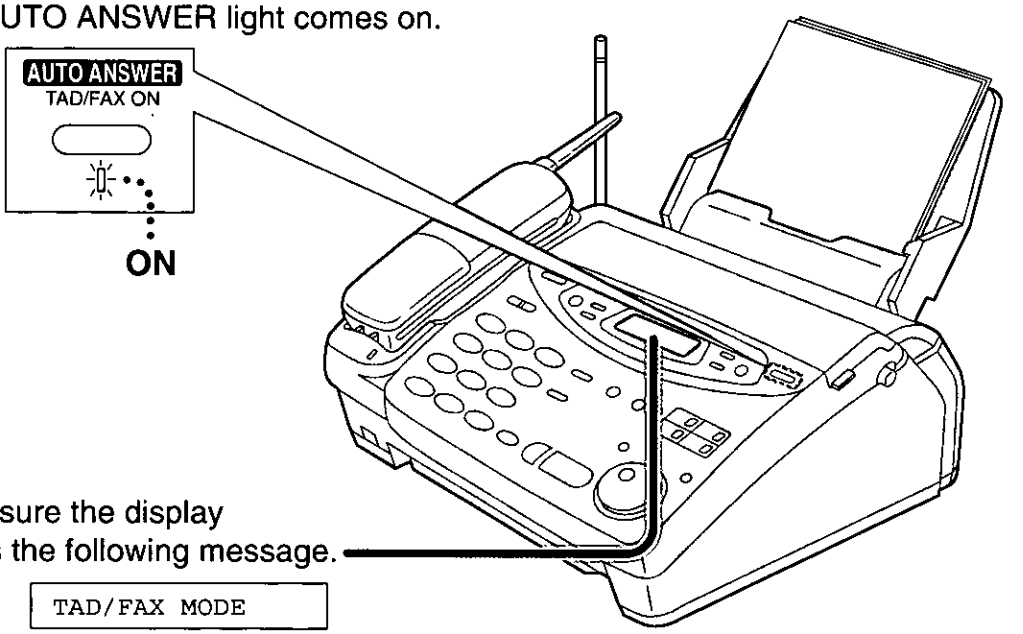
4. Press **START/SET/COPY**.
5. Enter the number of copies.
6. Press **START/SET/COPY**.

- After step 4, if you do not make any operations within 15 seconds of each other, the unit will start copying automatically.
- For further details, see page 94.
- If you are having trouble, see page 124.

Operating the answering device

Setting the unit to receive voice and fax messages automatically

1 Press **AUTO ANSWER**.
The AUTO ANSWER light comes on.



2 Make sure the display shows the following message.

```
TAD/FAX MODE
```

- **If the display does not show this message, the setting needs to be changed to the TAD/FAX mode (p. 79).**

- For further details, see pages 96 and 124.

For Fax advantage assistance, call 1-800-435-7329.

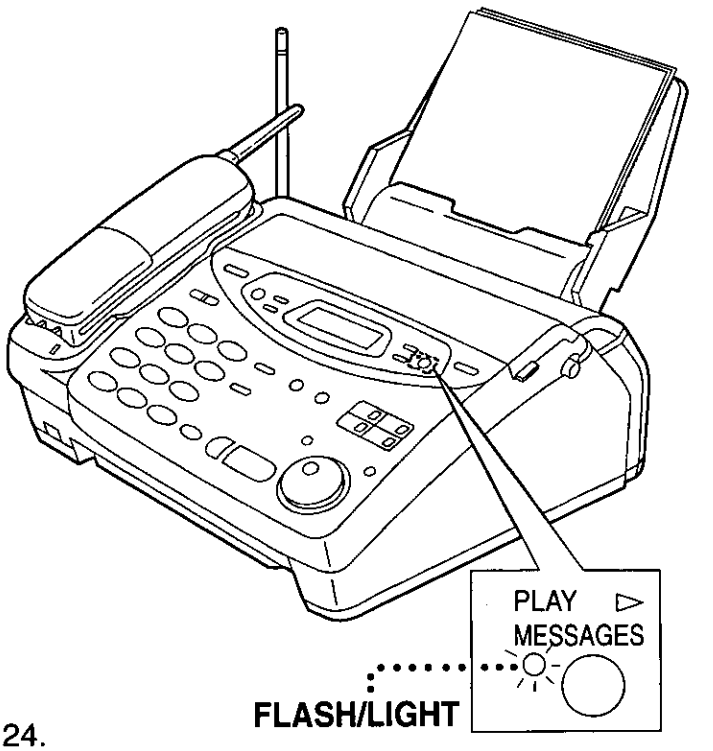
Listening to recorded messages

■ When the PLAY MESSAGES indicator flashes

Press **PLAY MESSAGES**.
- The new recorded messages will be played.

■ When the PLAY MESSAGES indicator lights

Press **PLAY MESSAGES**.
- All messages will be played.



- For further details, see pages 101 and 124.

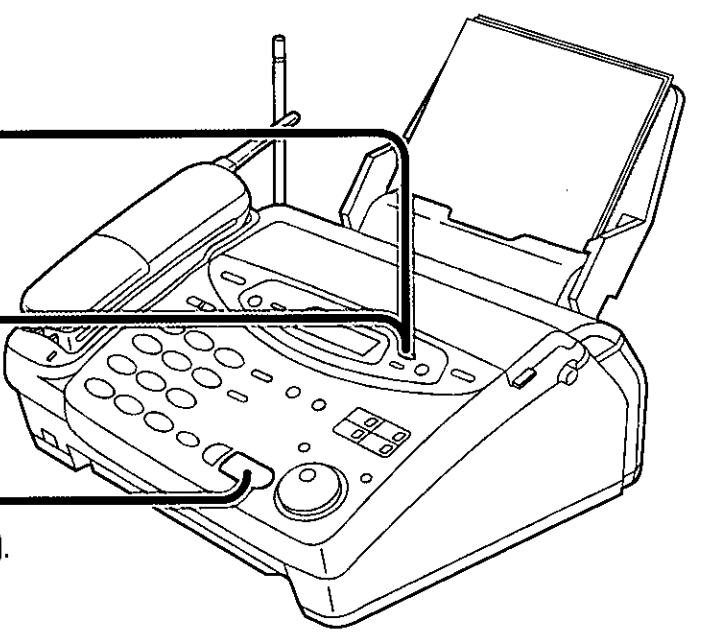
Erasing recorded messages

■ Erasing a specific message

Press **ERASE** while listening to the message you want to erase.

■ Erasing all the messages

1. Press **ERASE** after listening to all of the messages.
2. Press **START/SET/COPY**.
   - To stop erasing, press **STOP**.
3. Press **START/SET/COPY** again.



- For further details, see pages 102 and 124.

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(continued)

For Fax advantage assistance, call 1-800-435-7329.

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Included accessories

Power cord . . . . . 1 Part No. PFJA1030Z	Telephone line cord . . . . . 1 Part No. PQJA10075Z	Cordless handset . . . . . 1 — The rechargeable battery is pre-installed.
Paper tray . . . . . 1 Part No. PFZX2FPC141M	Film cartridge . . . . . 1 (with free starter film) — The film cartridge is pre-installed.	Belt clip . . . . . 1 Part No. PQKE10079Z1

- If any items are missing or damaged, check with the place of purchase.
- The part numbers listed above are subject to change without notice.
- Save the original carton and packing materials for future shipping and transportation of the unit.

To order accessories, call toll-free 1-800-332-5368.

Accessory order information

The free starter film cartridge is only 20 meters (65') long. We recommend that you buy regular film cartridge [100 m (328')] for continuous use of your unit.
For best results, use genuine Panasonic film cartridge Model No. KX-FA65.
To order, call toll-free 1-800-332-5368 or see the fax order instructions below.

Fax order: Please send a fax to 1-800-237-9080. Include: your name, shipping address, telephone number, credit card type, number, expiry date and your signature, order part number and quantity, and delivery method – overnight, 2nd day, or ground.

Model No.	Description	Specifications
KX-FA65	Film cartridge	216 mm x 100 m (8½" x 328') roll
PFZXFPC141M	Paper stacker	For stacking printed paper
KX-A36	Rechargeable battery	Ni-Cd battery
KX-TCA90	Headset	For a hands-free telephone conversation

Note:

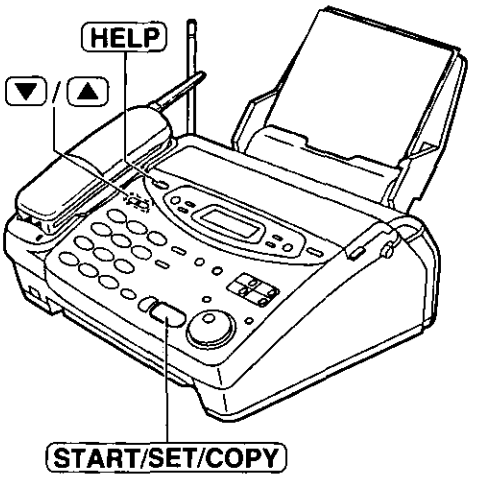
- **The film cartridge is not reusable. Do not rewind and use the film again.**

Help function

You can print a quick reference for assistance as follows.

1 Press (HELP).

Display: `PRESS[▼▲]&[SET]`



2 Press (▼) or (▲) until the desired item is displayed. The following items are available.

1. How to send faxes with the voice guide

   `1.SEND GUIDE`

2. How to program your unit

   `2.HOW TO SET UP`

3. How to store names in the JOG DIAL directory and how to dial them

   `3.JOG/AUTO DIAL`

4. Help with problems operating answering device

   `4.TAD OPERATION`

5. Help with problems sending faxes

   `5.FAX SENDING`

6. Help with problems receiving faxes

   `6.FAX RECEIVING`

7. How to use the copier function

   `7.COPIER`

8. Frequently asked questions and answers

   `8.Q and A`

9. Explanation of error messages shown on the display

   `9.ERRORS`

10. List of available reports

    `10.REPORTS`

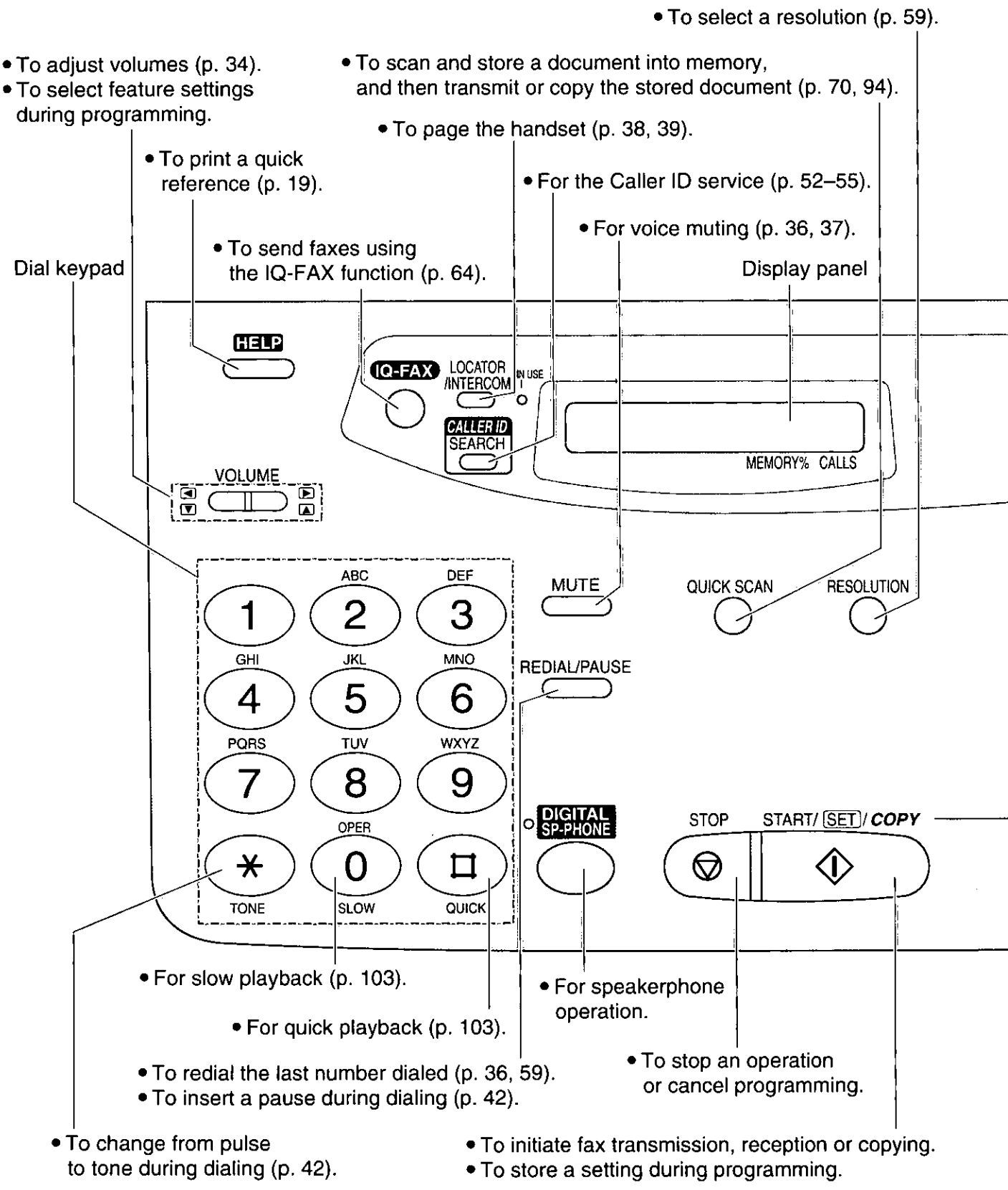
11. How to use the Caller ID service

    `11.CALLER ID`

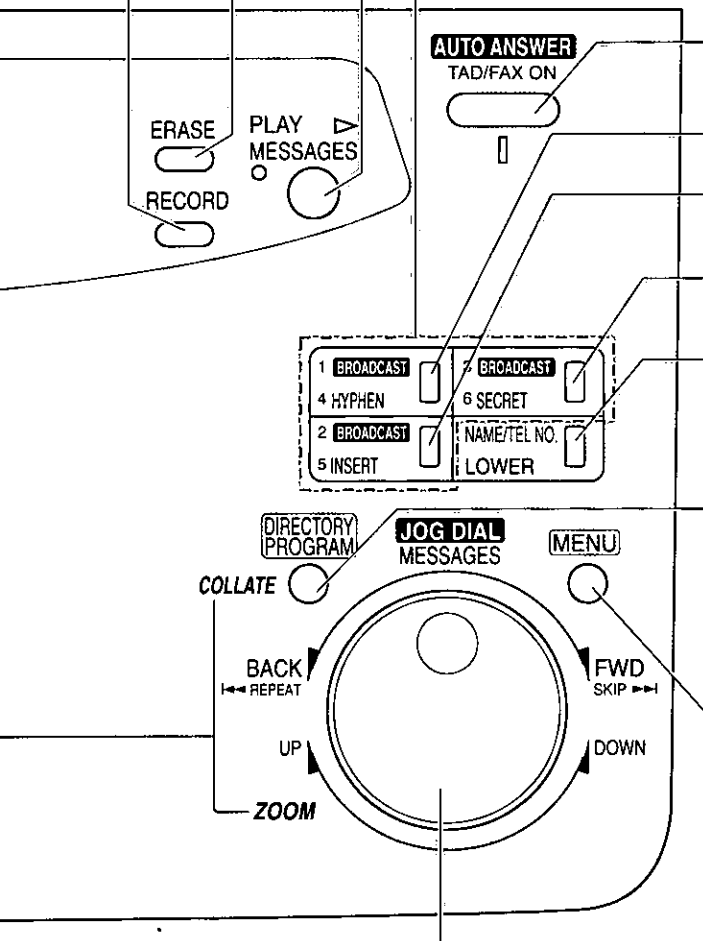
3 Press (START/SET/COPY).

`PRINTING`

Location

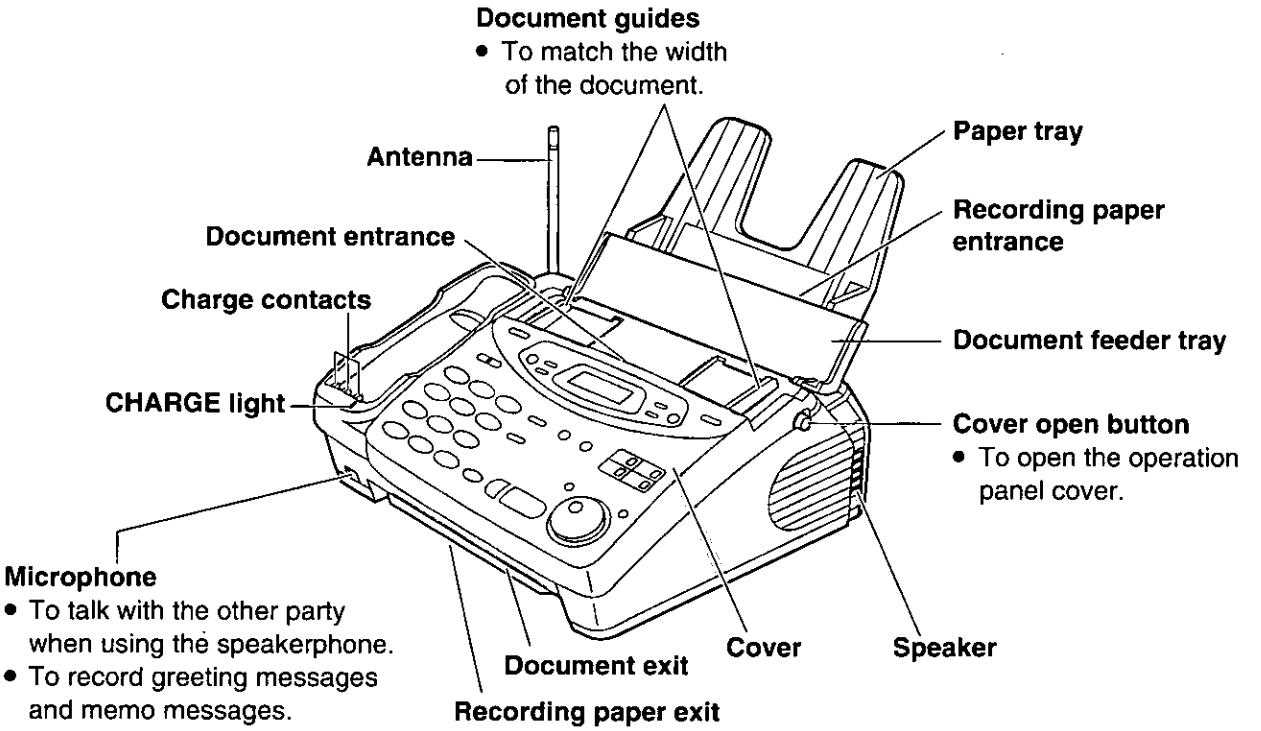

• To select a resolution (p. 59).
• To adjust volumes (p. 34).
• To select feature settings during programming.
• To scan and store a document into memory, and then transmit or copy the stored document (p. 70, 94).
• To page the handset (p. 38, 39).
• To print a quick reference (p. 19).
• For the Caller ID service (p. 52–55).
• For voice muting (p. 36, 37).
Dial keypad
• To send faxes using the IQ-FAX function (p. 64).
Display panel
HELP
IQ-FAX
LOCATOR /INTERCOM
IN USE
CALLER ID
SEARCH
MEMORY% CALLS
VOLUME
ABC DEF
1 2 3
GHI JKL MNO
4 5 6
PQRS TUV WXYZ
7 8 9
OPER
* 0
TONE SLOW QUICK
MUTE
QUICK SCAN
RESOLUTION
REDIAL/PAUSE
DIGITAL SP-PHONE
STOP
START/ SET / COPY
• For slow playback (p. 103).
• For quick playback (p. 103).
• For speakerphone operation.
• To redial the last number dialed (p. 36, 59).
• To insert a pause during dialing (p. 42).
• To stop an operation or cancel programming.
• To change from pulse to tone during dialing (p. 42).
• To initiate fax transmission, reception or copying.
• To store a setting during programming.

- To record your own greeting messages (p. 98).
- To record memo messages (p. 104).
- To erase recorded messages (p. 102).
- To erase your own greeting messages (p. 99).
- To play recorded messages (p. 101).
- For transmission to multiple stations (p. 71, 73).
- For the One-Touch Dial (p. 46, 47, 54).



- To turn the AUTO ANSWER mode on/off (p. 76, 77).
- To insert a hyphen (p. 28–30, 46, 48).
- To insert one character or one space (p. 28, 29).
- To keep the telephone number secret (p. 46, 48).
- To confirm a stored telephone number (p. 50, 51, 53).
- To select stations 4–6 for the One-Touch Dial (p. 46, 47, 54, 71).
- To store or edit names and telephone numbers (p. 46, 48, 49, 71, 72).
- To choose "Collated" or "Uncollated" in the copy mode (p. 94).
- To initiate or exit programming.
- To search for a stored name (p. 50, 61).
- To select characters during programming (p. 29).
- To select the basic features during programming (p. 153).
- To skip and/or repeat recorded messages in the answering device (p. 103).
- To select an enlargement/reduction rate in the copy mode (p. 94, 95).

Overview

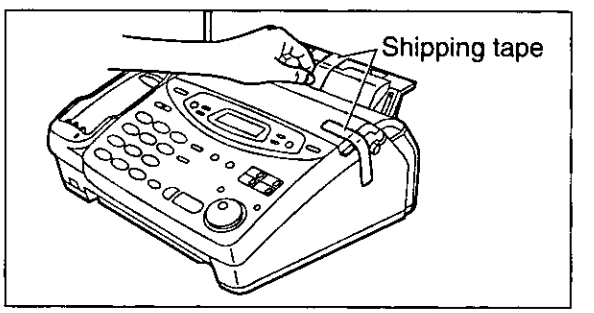


Note:

- The document and recording paper will be ejected from the front of the unit. Install the unit on a desk or floor with a smooth surface and do not place anything in front of the unit.

Before installation

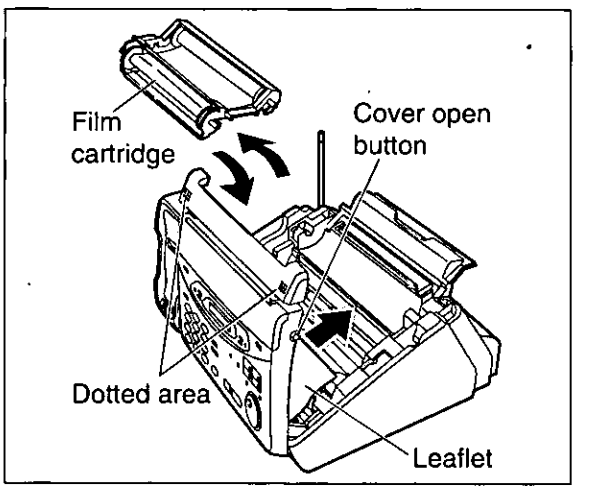
1 Remove the shipping tape.



2 Open the cover by pressing the cover open button.

3 Lift the film cartridge, remove the leaflet and replace the film cartridge.

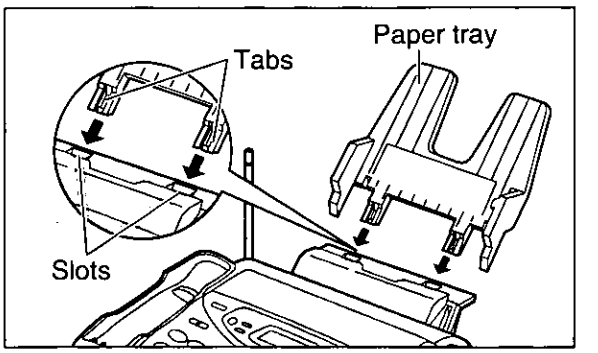
4 Close the cover securely by pushing down on the dotted area at both ends.



Paper tray

Insert the two tabs on the paper tray into the slots on the back of the unit.

- Do not place the unit in areas where the paper tray may be obstructed by a wall etc.

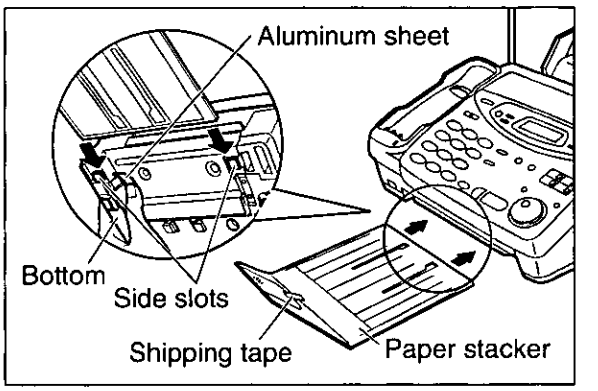


Paper stacker (not included)

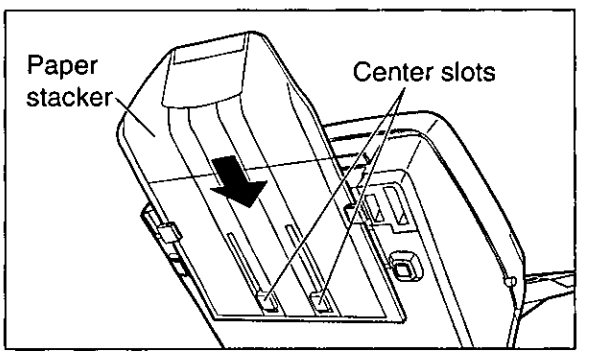
To stack printed paper, a paper stacker is available as an accessory. To order, see page 18.

1 Remove the shipping tape from the paper stacker.

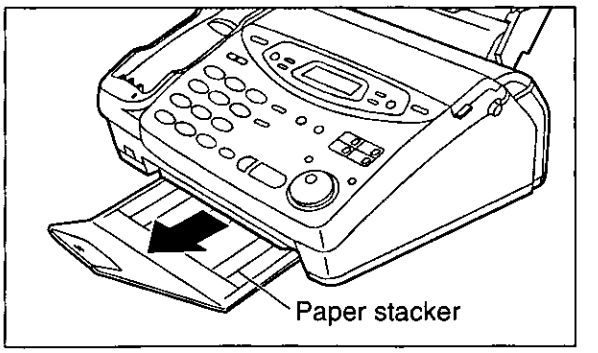
2 Lift the front of the unit and hold the aluminum sheet up to prevent it being bent by the paper stacker while inserting the paper stacker into the side slots.



3 Confirm that the paper stacker is locked into the center slots and slide back.

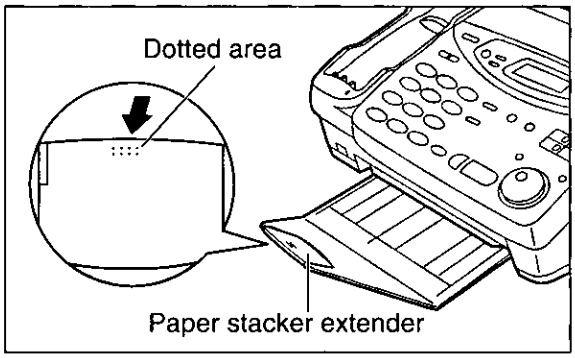


4 Slide the paper stacker forward until it stops.

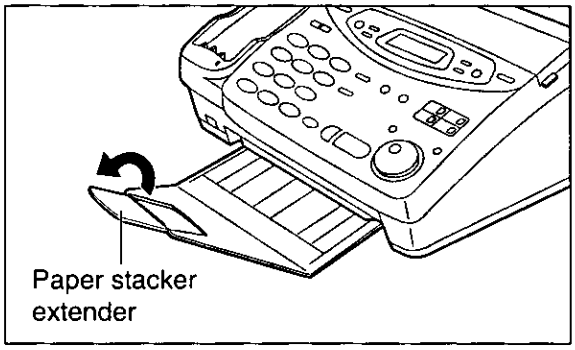


Using legal size paper

1 Press the dotted area on the paper stacker extender.



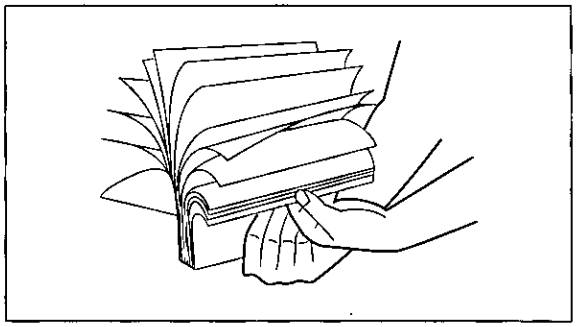
2 Open the paper stacker extender.



Recording paper

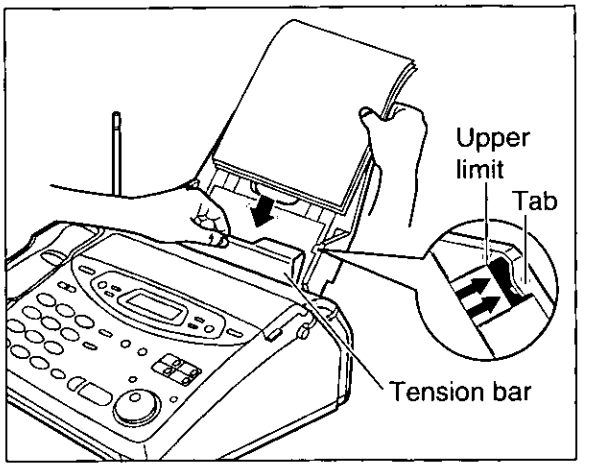
Letter or legal size recording paper can be loaded. The paper tray can hold up to 150 sheets of 75 g/m² (20 lb.) paper. You may use 60 g/m² to 90 g/m² (16 lb. to 24 lb.) paper.
For best results, only use inkjet paper such as Hammermill® Jet Print. If you use other types of paper, the print quality may be affected.

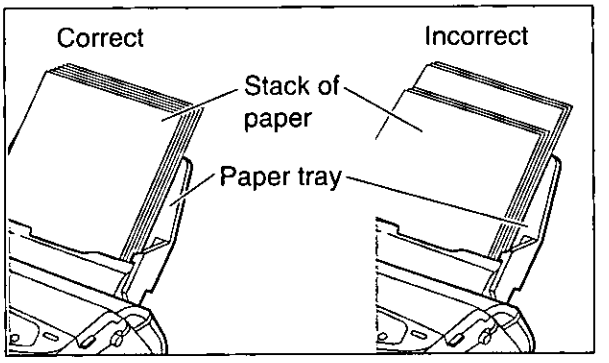
1 Fan the stack of paper to prevent a paper jam.



2 Pull the tension bar forward and hold open while inserting the paper.

- The height of the stack of the paper should not exceed the upper limit on the paper tray, otherwise the paper may jam or multi-feed.
- The paper should not be over the tab.
- If the paper is not inserted correctly, readjust the paper or the paper may jam.



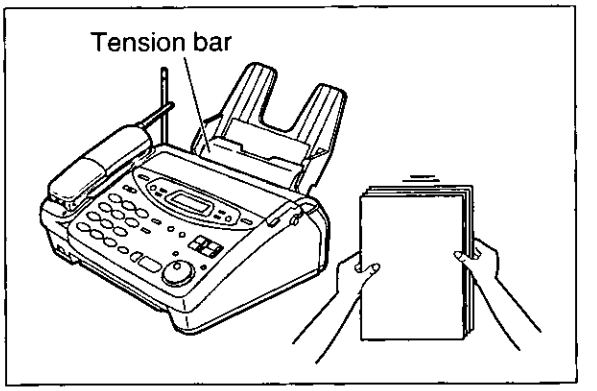


Note:

- **Avoid paper with a cotton and/or fiber content that is over 20%, such as letterhead paper or paper used for resumes.**
- **Do not use different types or thicknesses of paper in the paper tray at the same time. This may cause a paper jam.**
- **Avoid extremely smooth or shiny paper that is highly textured. Also avoid paper that is coated, damaged or wrinkled.**
- Avoid double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or the paper may jam.
- Do not reinsert the ejected paper into the recording paper exit.
- Some paper only accepts print on one side. Try using the other side of paper when you are not happy with the print quality.

Adding paper to the paper tray

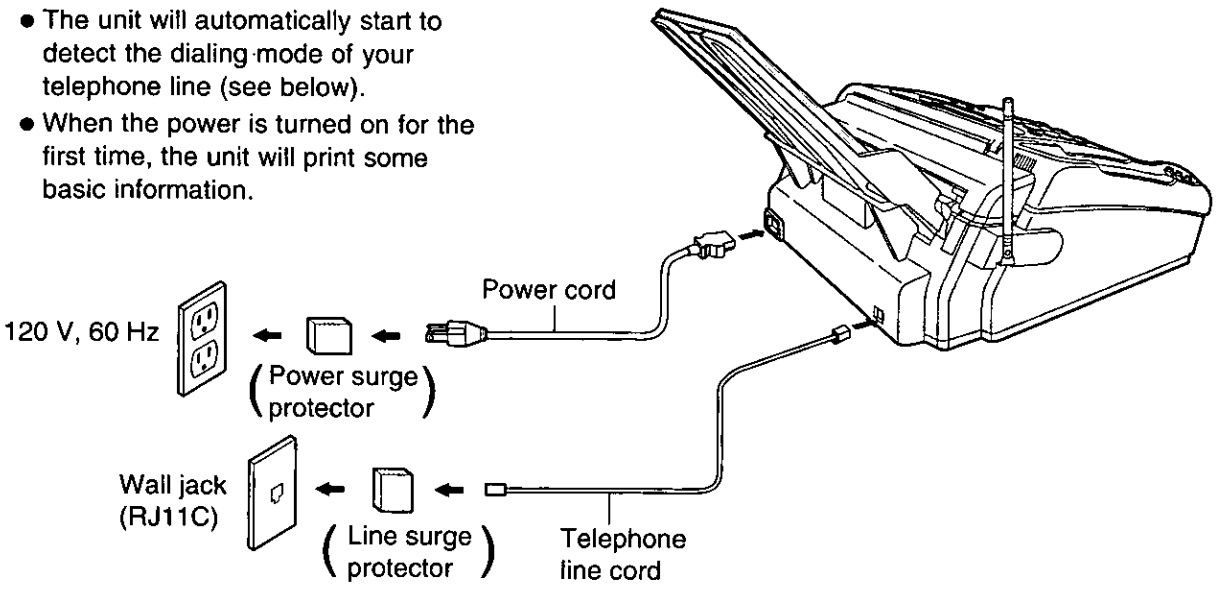
1. Pull the tension bar forward and hold open while removing all of the installed paper.
2. Add paper to the removed paper and straighten.
3. Fan the stack of paper.
4. Pull the tension bar forward and hold open while inserting the paper.



Connections

1 Connect the telephone line cord.

2 Connect the power cord.
- The unit will automatically start to detect the dialing mode of your telephone line (see below).
- When the power is turned on for the first time, the unit will print some basic information.



Note:
- For additional equipment protection, we recommend the use of a surge protector. The following types are available; TELESPIKE BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER MAX (PANAMAX) or MP1 (ITW LINX).
  The warranty does not cover damage due to power line surges or lightning.
- When you operate this product, the power outlet should be near the product and easily accessible.

Automatic dialing mode setting

- When the telephone line cord and the power cord are connected, the unit will automatically start to detect the dialing mode of your telephone line.

  Display: `CHECKING LINE`

  Wait until one of the following messages is displayed.

  `LINE IS TONE` Your line has touch tone service.

  `LINE IS PULSE` Your line has rotary pulse dial service.

- If the power cord is disconnected or a power failure occurs, the unit will detect the dialing mode again when power is restored.
- If you connect the power cord before connecting the telephone line cord, the following messages will be shown alternately.

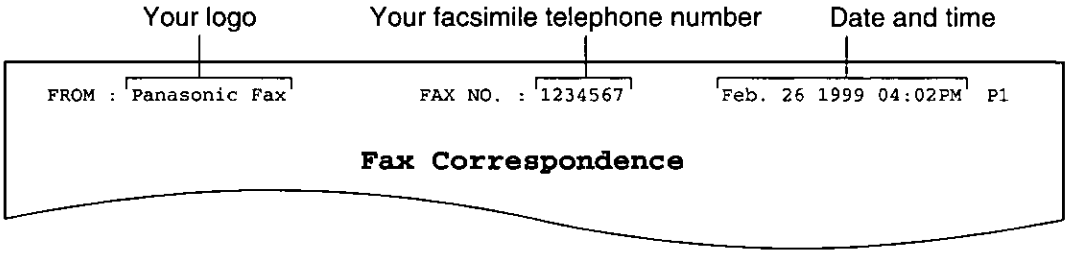
  `NO TEL LINE` ⟷ `INSERT TEL LINE`

  Connect the telephone line cord.

Date and time, your logo and facsimile telephone number

You should program the date and time, your logo and facsimile telephone number. This information will be printed on each page transmitted from your unit, fulfilling the requirements of the Telephone Protection Act of 1991.

Example:



Setting the date and time

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [0] [1].

`SET DATE & TIME`

3 Press (START/SET/COPY).

`M:01/D:01/Y:99`
(Cursor)

4 Enter the correct month/day/year by selecting 2 digits for each using the dial keypad.

Example: Aug. 10, 1999

Press [0] [8] [1] [0] [9] [9].

`M:08/D:10/Y:99`

5 Press (START/SET/COPY).

`TIME: 12:00AM`

6 Enter the correct hour/minute by selecting 2 digits for each using the dial keypad. Press [*] to select "AM" or "PM".

Example: 3:15PM

1. Press [0] [3] [1] [5].

`TIME: 03:15AM`

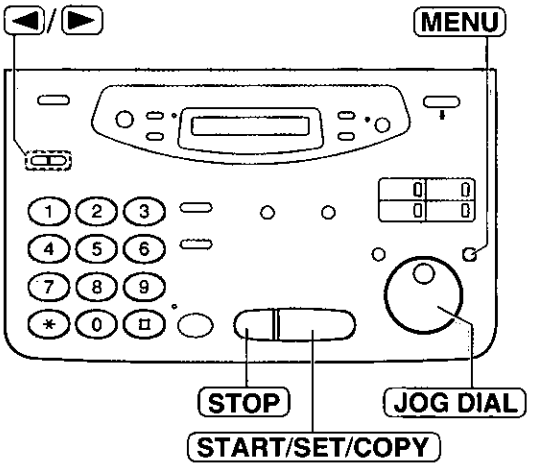
2. Press [*] until "PM" is displayed.

`TIME: 03:15PM`

7 Press (START/SET/COPY).

`SETUP ITEM [ ]`

8 Press (MENU).



Note:

- You can enter the number by rotating (JOG DIAL) in steps 4 and 6. In this case, press (►) to move the cursor.
- The accuracy of the clock is approximately ±60 seconds a month.

To correct a mistake

- Press (◄) or (►) to move the cursor to the incorrect number, and make the correction.
- If you press (STOP) while programming, the display will return to the previous one.

Setting your logo

The logo can be your company, division or name.

1 Press [MENU].

Display: `1.SYSTEM SET UP`

2 Press [#], then [0] [2].

`YOUR LOGO`

3 Press [START/SET/COPY].

`LOGO=`

4 Enter your logo, up to 30 characters, by using the dial keypad. See next page for details.

Example: Bill

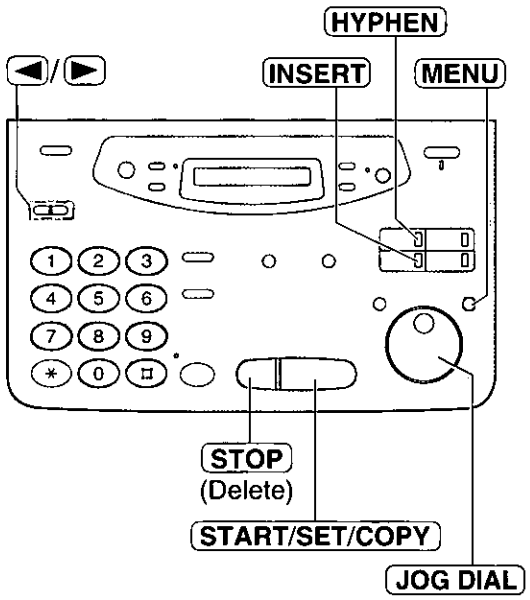
1. Press [2] twice. `LOGO=B` (Cursor)
2. Press [4] six times. `LOGO=Bi`
3. Press [5] six times. `LOGO=Bil`
4. Press [►] to move the cursor to the next space and press [5] six times.

`LOGO=Bill`

5 Press [START/SET/COPY].

`SETUP ITEM [ ]`

6 Press [MENU].



Note:

- You can enter characters by rotating [JOG DIAL] (see next page).

To correct a mistake

- Press [◄] or [►] to move the cursor to the incorrect character, and make the correction.

To delete a character

- Move the cursor to the character you want to delete and press [STOP].

To insert a character

1. Press [◄] or [►] to move the cursor to the position to the right of where you want to insert the character.
2. Press [INSERT] (One-Touch Dial key 2) to insert a space and enter the character.

To select characters with the dial keypad

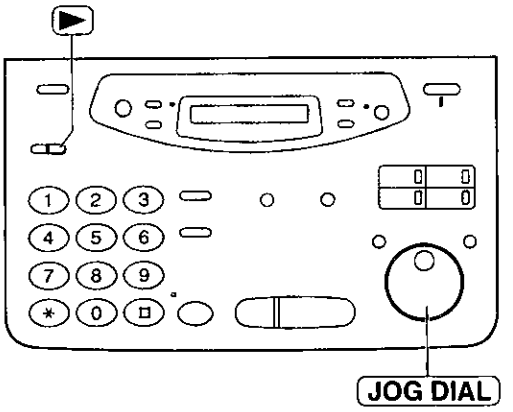
Pressing the dial keys will select a character as shown below.

Keys	Characters
1	1 [ ] { } + − / = , . _ ` : ; ? !
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0 ( ) < > ! " # $ % & ¥ * @ ^ ' →
1 □	**HYPHEN** key (To insert a hyphen.)
2 □	**INSERT** key (To insert one character or one space.)
STOP	**Delete** key (To delete a character.)
◄	◄ key (To move the cursor to the left.)
►	► key (To move the cursor to the right.) To enter another character using the same number key, move the cursor to the next space.

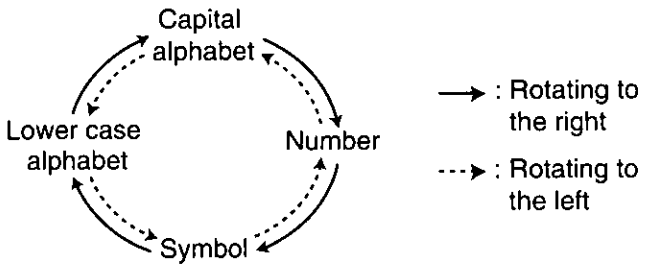
To select characters using the JOG DIAL

Instead of pressing the dial keys, you can select characters using the JOG DIAL.

1. Rotate JOG DIAL until the desired character is displayed.
2. Press ► to move the cursor to the next space.
   - The character displayed in step 1 is inserted.
3. Return to step 1 to enter the next character.



Display order of characters



Setting your facsimile telephone number

1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press #, then 0 3.

`YOUR FAX NO.`

3 Press START/SET/COPY.

`NO.=`

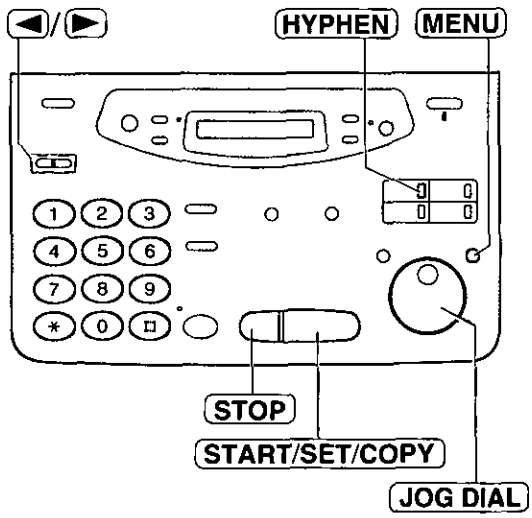
4 Enter your facsimile telephone number up to 20 digits using the dial keypad.

Example: `NO.=1234567`

5 Press START/SET/COPY.

`SETUP ITEM [ ]`

6 Press MENU.



Note:

- You can enter your facsimile telephone number by rotating JOG DIAL. If using JOG DIAL, press ► to move the cursor.
- The * button replaces the digit with a "+" and the # button replaces it with a space.
  Example (using the dial keypad): +234 5678
  Press *2 3 4 # 5 6 7 8.
- To enter a hyphen in a telephone number, press HYPHEN (One-Touch Dial key 1).

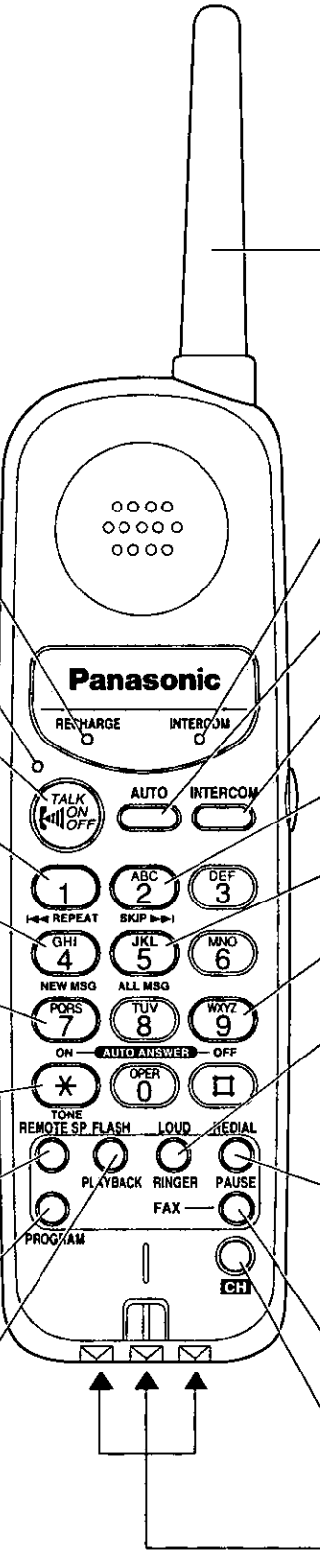
To correct a mistake

- Press ◄ or ► to move the cursor to the incorrect number, and make the correction.

To delete a number

- Move the cursor to the number you want to delete and press STOP.

Location



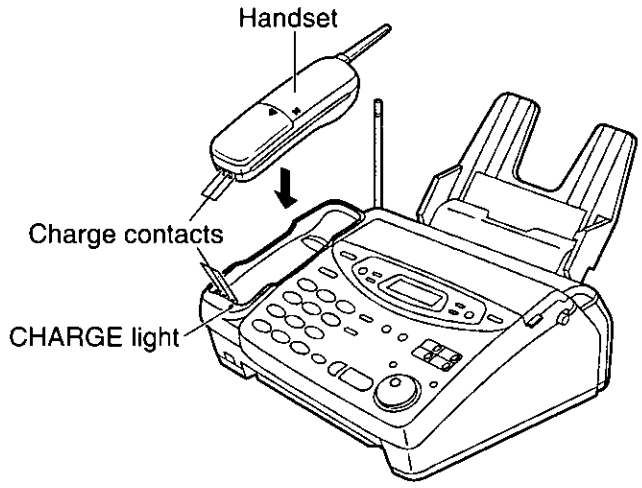
- Flashes when the battery needs to be charged (p. 32).
- Lights when the handset is in use (p. 35).
- To make/answer calls (p. 35, 37).
- To repeat the recorded messages (p. 106).
- To play new recorded messages (p. 105).
- To turn the AUTO ANSWER mode on (p. 106).
- To change from pulse to tone during dialing (p. 42).
- To turn on the speakerphone using the handset (p. 40).
- To enter programming functions (p. 44).
- To use special features or services (p. 42).
- To operate the answering device (p. 105, 106).

- Lights while using the intercom (p. 38).
- For automatic dialing (p. 44, 45).
- To page the main unit (p. 38, 39).
- To skip the recorded messages (p. 106).
- To play all recorded messages (p. 105).
- To turn the AUTO ANSWER mode off (p. 106).
- To adjust the handset receiver volume (p. 34).
- To adjust the ringer volume (p. 34).
- To redial the last number dialed (p. 35, 41).
- To insert a pause during dialing (p. 42).
- To receive a fax on the main unit (p. 78).
- To select a clear channel (p. 35).

Battery charge

Place the handset on the cradle of the main unit for about **4 hours**.

- The CHARGE light will turn on.



Note:

- **Clean the handset and the main unit charge contacts with a dry cloth once a month,** or the battery may not charge properly (p. 133).
- The battery cannot be overcharged.

Automatic security code setting

Whenever you place the handset on the main unit, the unit will automatically select one of a million security codes. These codes help to avoid unauthorized use of your telephone line by another cordless telephone.

Battery life

If your Panasonic battery is fully charged, the battery life will last as follows.

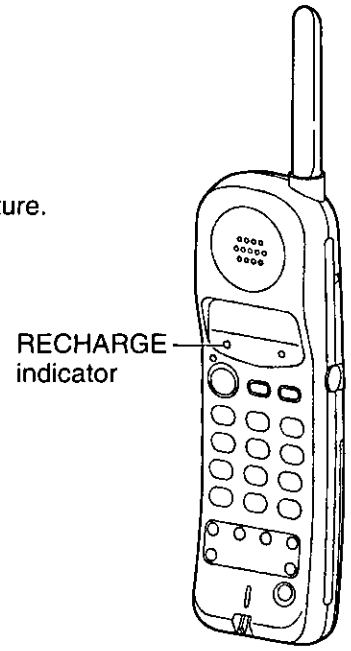
While in use (on conversation)	Up to about 8 hours
While not in use (stand-by/off the main unit)	Up to about 21 days

Note:

- Battery life may vary depending on usage conditions and ambient temperature.

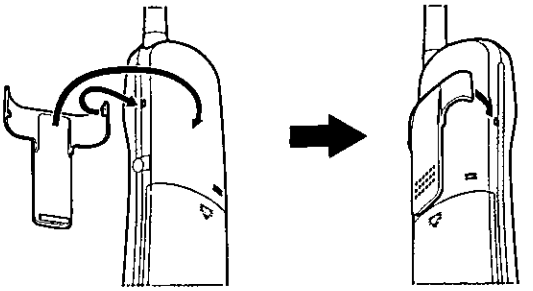
Recharge

When the RECHARGE indicator flashes or the handset beeps intermittently, place the handset on the cradle to recharge the battery.

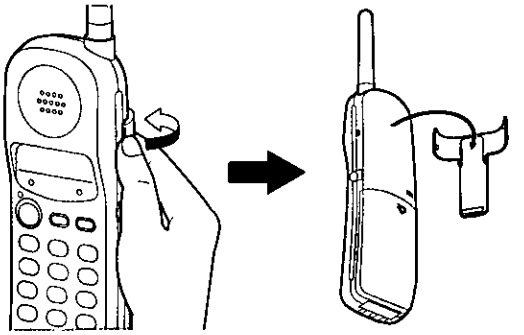


Belt clip

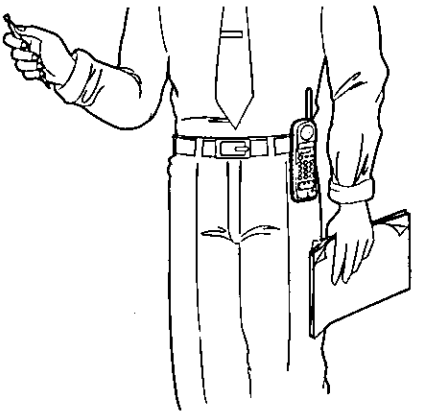
■ To install the belt clip



■ To remove the belt clip



Wearing the belt clip

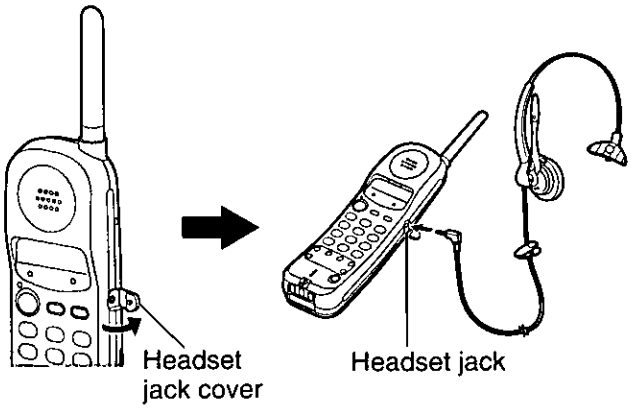


Headset (not included)

Plugging the headset into the handset allows a hands-free telephone conversation. For best result, use a Panasonic headset Model No. KX-TCA90. To order, see page 18.

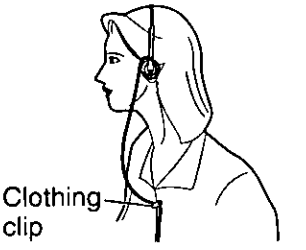
■ To connect the headset

Open the headset jack cover, and connect the headset to the headset jack as shown below.



Wearing the headset

1. Place the headset on your head and attach the clothing clip to the desired position.



2. Adjust the microphone near your mouth.

Adjusting volumes

Handset

Ringer volume

3 levels (high/low/off) are available.
Make sure the TALK indicator is off.

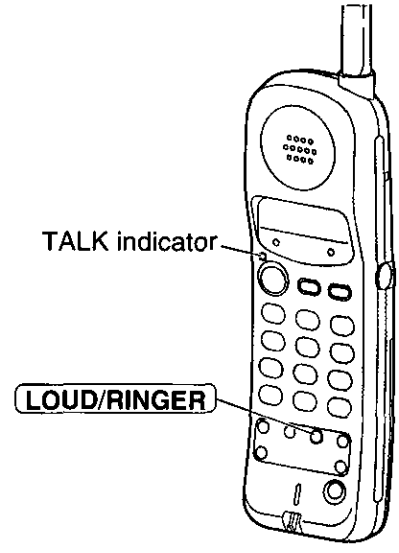
1. Press LOUD/RINGER.
   - The current ringer will sound.
2. To change the volume, press LOUD/RINGER again within 5 seconds.
   - The new ringer will sound.
   - If you do not press LOUD/RINGER within 5 seconds, the volume will not change.

■ **To turn the ringer off:**
Press and hold LOUD/RINGER until 2 beeps sound.
- To turn the ringer back on, press LOUD/RINGER. It will sound at a high level.

■ **While the ringer volume is set to off:**
When receiving a call, the handset will not ring, and the TALK indicator will flash.

Handset volume

3 levels (high/middle/low) are available.
While talking, press LOUD/RINGER.



Main unit

Ringer volume

4 levels (high/middle/low/off) are available.
While the unit is idle, press ▼ or ▲.

■ **To turn the ringer off:**

1. Press ▼ repeatedly until the following message is displayed.

Display:

```
RINGER OFF= OK?
        ↕
YES: PRESS SET
```

2. Press START/SET/COPY.
   - To turn the ringer back on, press ▲.

■ **While the ringer volume is set to off:**
The display will show the following message.

```
RINGER OFF
```

When a call is received, the unit will not ring and will display the following.

```
INCOMING CALL
```

Speaker volume

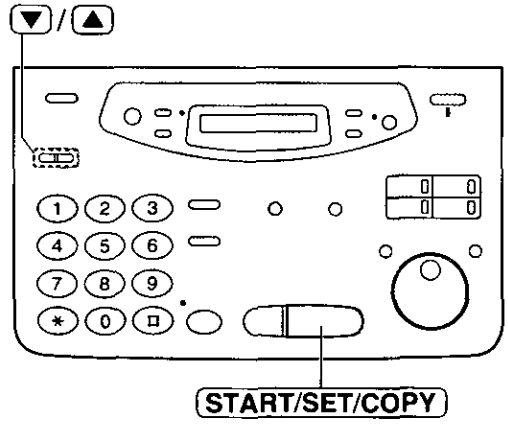
8 levels (high to low) are available.
While using the monitor, press ▼ or ▲.

Fax voice guidance volume

9 levels (high to off) are available.
While listening to the fax voice guidance, press ▼ or ▲.

Answering device volume

9 levels (high to off) are available.
While listening to the recorded messages, press ▼ or ▲.



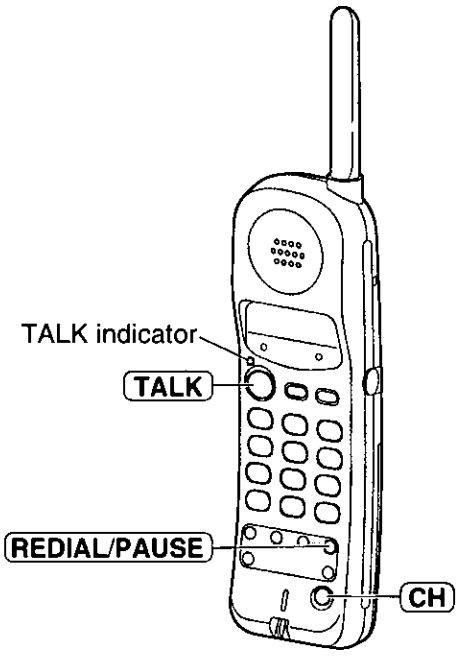
Making a voice call with the handset

1 ■ **Handset is off the main unit:**
Press (TALK).
- The TALK indicator will light.

■ **Handset is on the main unit:**
Lift the handset and press (TALK).
- The TALK indicator will light.

2 Dial the telephone number.
- If you misdial, press (TALK) and start again from step 1.

3 When finished talking, press (TALK) or place the handset on the main unit.
- The TALK indicator will turn off.



Note:
- If an alarm tone sounds when you press (TALK):
  —move towards the main unit, or
  —place the handset on the main unit.
  Then try again.
- If the TALK button on the handset is pressed while using the main unit, the call is switched to the handset and the main unit is disconnected.

To redial the last number

Regardless of whether the main unit or the handset was used, the last number dialed will be redialed.

1. Press (TALK).
2. Press (REDIAL/PAUSE).

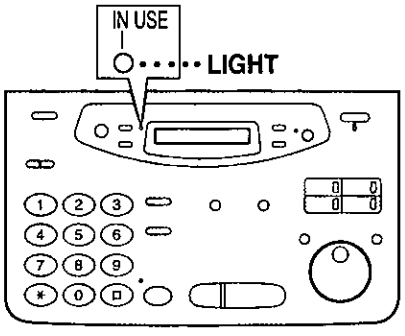
If noise interferes with the conversation

Press (CH) to select a clear channel or move closer to the main unit.

While the handset is in use

On the main unit:
The IN USE indicator lights and the following will be displayed.

Display: `CORDLESS IN USE`



Making a voice call with the speakerphone

1 Press (DIGITAL SP-PHONE).

Display: TEL=

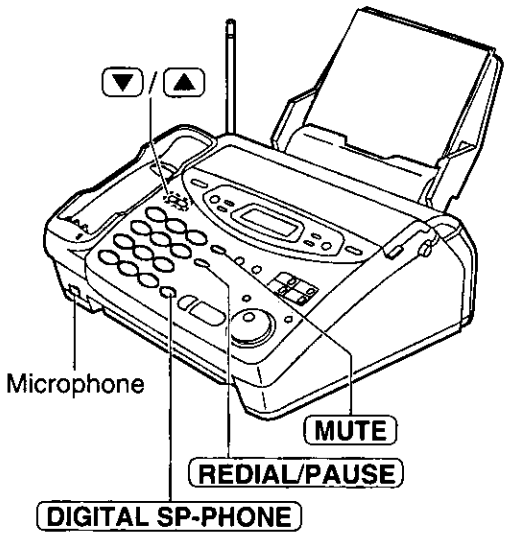
2 Dial the telephone number.

Example: TEL=2345678

- If you misdial, press (DIGITAL SP-PHONE) and start again from step 1.

3 When the other party answers, talk into the microphone.

4 When finished talking, press (DIGITAL SP-PHONE).



Note:

- If the TALK button on the handset is pressed while using the main unit, the call is switched to the handset and the main unit is disconnected.

To redial the last number

Regardless of whether the main unit or the handset was used, the last number dialed will be redialed.

1. Press (DIGITAL SP-PHONE).
2. Press (REDIAL/PAUSE).
   - If the line is busy, the unit will automatically redial the number up to 14 times.
   - During redial, the following will be displayed.

   Display: WAITING REDIAL

To mute your voice to the other party

1. Press (MUTE) during a telephone conversation using the speakerphone.

   Display: <MUTE>

   - The other party cannot hear you, but you can hear them.
2. To resume the conversation, press (MUTE) again.

Hints for the speakerphone operation

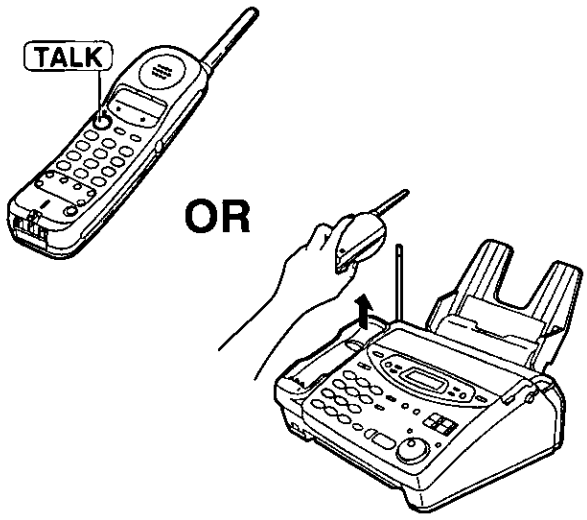
- Use the speakerphone in a quiet room.
- If you have difficulty hearing the other party, adjust the volume using (▼) or (▲).
- If you and the other party speak at the same time, parts of your conversation will be cut off.
- If the handset is on the main unit while using the speakerphone, you may switch to the handset by lifting it up.

Answering a voice call with the handset

1 ■ **Handset is off the main unit:**
Press [TALK] when the handset rings.
- You can also answer a call by pressing any dial key 0 to 9, ✱, or #.
(Any key talk feature)

■ **Handset is on the main unit:**
Lift the handset when the main unit rings.

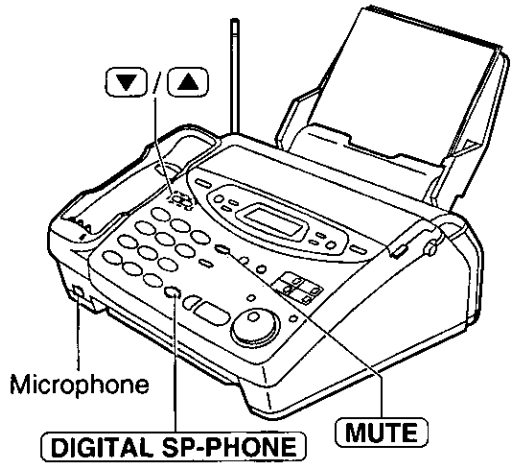
2 When finished talking, press [TALK] or place the handset on the main unit.



Answering a voice call with the speakerphone

1 When the unit rings, press [DIGITAL SP-PHONE].

2 When finished talking, press [DIGITAL SP-PHONE].



To mute your voice to the other party

1. Press [MUTE] during a telephone conversation using the speakerphone.

   Display: <MUTE>

   - The other party cannot hear you, but you can hear them.
2. To resume the conversation, press [MUTE] again.

Hints for the speakerphone operation

- Use the speakerphone in a quiet room.
- If you have difficulty hearing the other party, adjust the volume using [▼] or [▲].
- If you and the other party speak at the same time, parts of your conversation will be cut off.
- If the handset is on the main unit while using the speakerphone, you may switch to the handset by lifting it up.

Intercom between the handset and the main unit

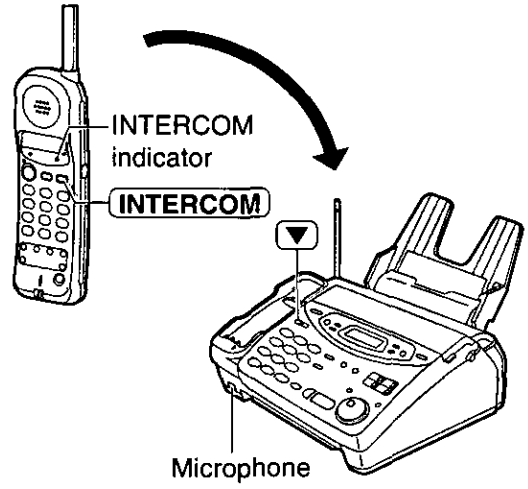
Paging the main unit from the handset

1 **Handset:**
Press (INTERCOM).
- The INTERCOM indicator will flash, then light.

2 **Main unit:**
When the main unit rings, answer through the microphone.
- While using the intercom, the main unit's display will show:

Display: `INTERCOM CALL`

3 **Handset:**
When finished, press (INTERCOM).
- The INTERCOM indicator will turn off.



Paging the handset from the main unit (handset locator)

Using this feature, you can locate the handset if misplaced.

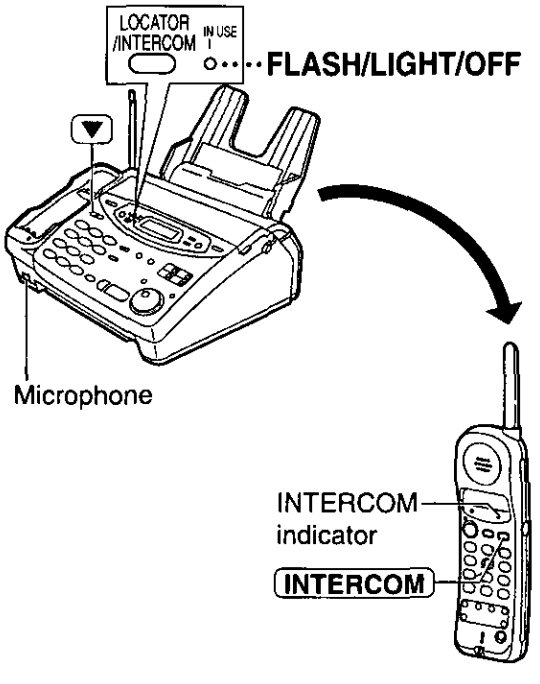
1 **Main unit:**
Press (LOCATOR/INTERCOM).
- The IN USE indicator will flash and start paging the handset for 1 minute.
- To stop paging, press (LOCATOR/INTERCOM) again.

2 **Handset:**
Press (INTERCOM) to answer.
- The INTERCOM indicator will light.
- The IN USE indicator on the main unit will light.

3 **Main unit:**
Speak into the microphone.
- While using the intercom, the main unit's display will show:

Display: `INTERCOM CALL`

4 **Handset:**
When finished, press (INTERCOM).
- The INTERCOM and IN USE indicators will turn off.



While using the intercom

- Intercom calls can only be ended by the handset.
- If the handset user has difficulty hearing the main unit user, ask the main unit user to decrease the speaker volume by pressing (▼).

Transferring a call between the handset and the main unit

The intercom can be used during a call. This feature enables you to transfer a call between the handset and the main unit.

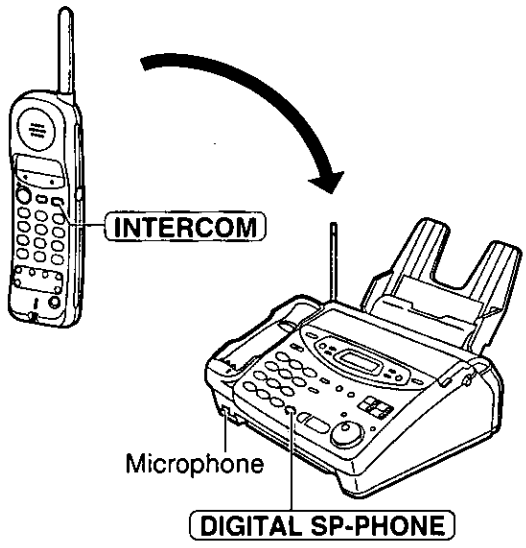
From the handset to the main unit

1 **Handset:**
During a call, press **INTERCOM**.
- The handset user can talk with the main unit user.
- The call will be put on hold.

2 **Main unit:**
Talk with the handset user through the microphone.

Display: `INTERCOM HOLD`

3 **Main unit:**
To answer the call, press **DIGITAL SP-PHONE**.
- The transfer will be completed.



From the main unit to the handset

1 **Main unit:**
During a call, press **LOCATOR/INTERCOM** to page the handset.
- The call will be put on hold.

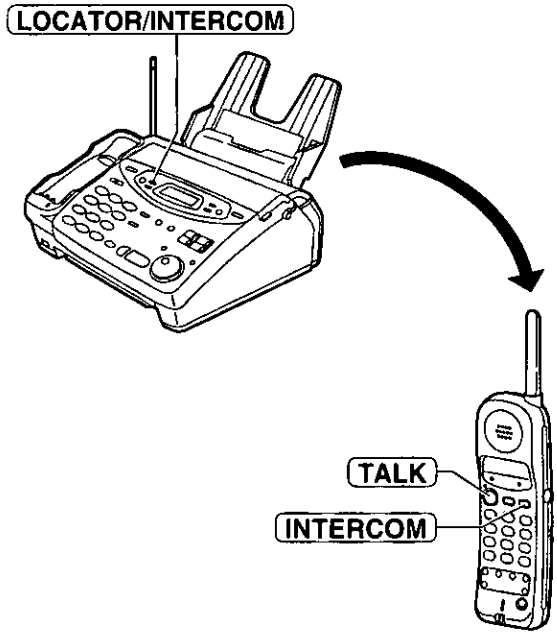
Display: `HOLD`

2 **Handset:**
Press **INTERCOM** to answer the page.
- The main unit's display will show:

`INTERCOM HOLD`

3 **Handset:**
To answer the call, press **TALK**.
- The transfer will be completed.
- The main unit's display will show:

`CORDLESS IN USE`



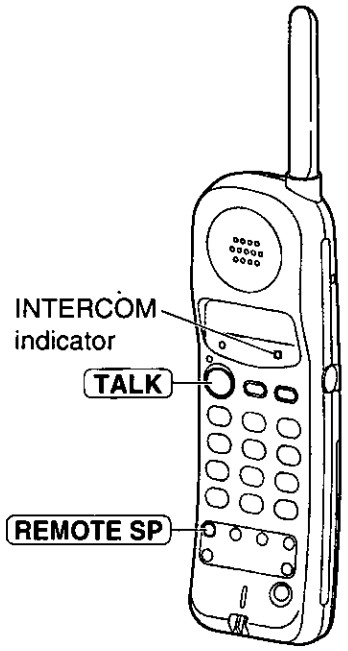
Remote speakerphone

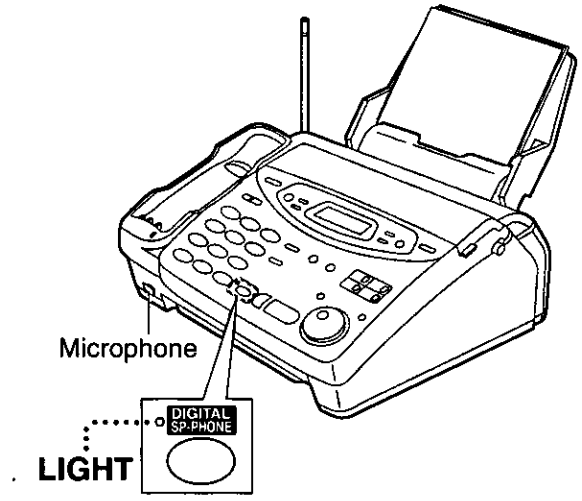
Switching a call with the handset to the DIGITAL SP-PHONE

1 **Handset:**
Press (REMOTE SP) during a call with the handset.
- The INTERCOM indicator flashes.
- The call is switched to the main unit.
- On the main unit, the DIGITAL SP-PHONE indicator lights.

2 **Main unit:**
Talk into the microphone from a distance of about 20 cm (8 inches).
- To switch to the handset, see below.

3 **Main unit:**
Press (DIGITAL SP-PHONE) to hang up.
- The indicator lights go out.
- You can also hang up by pressing (REMOTE SP).





To switch to the handset (while using the remote speakerphone)

Press (TALK) on the handset.
- You can continue the conversation using the handset. The speakerphone will be disconnected.
- To hang up, press (TALK) or place the handset on the main unit.

Making a call using the handset as a remote control

1 Press (REMOTE SP).
- On the main unit, the DIGITAL SP-PHONE indicator lights and the following message will be displayed.

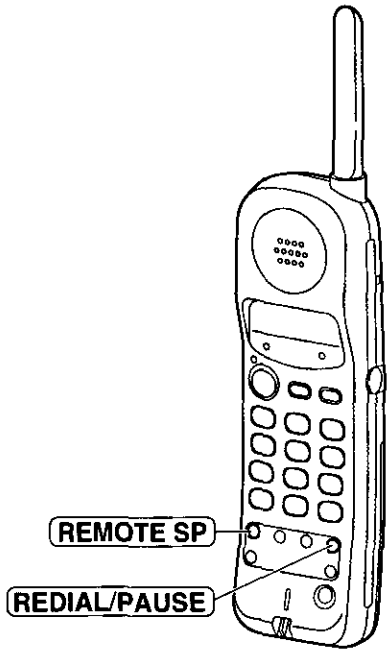
Display: `TEL=`

2 Dial the telephone number.
- You can also dial with the main unit keypad.

Example: `TEL=1234567`

3 When you hear the other party, talk into the microphone on the main unit.
- To switch to the handset, see bottom of page 40.

4 To hang up, press (REMOTE SP).
- You can also hang up by pressing (DIGITAL SP-PHONE) on the main unit.



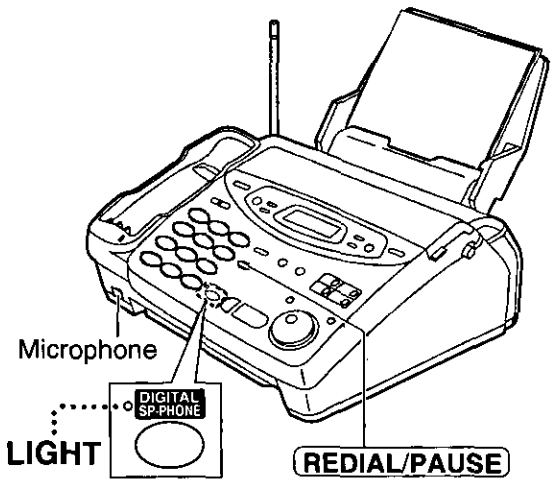
Answering a call using the handset as a remote control

1 When the handset rings, press (REMOTE SP).
- On the main unit, the DIGITAL SP-PHONE indicator lights and the following message will be displayed.

Display: `TEL=`

2 Talk into the microphone on the main unit.
- To switch to the handset, see bottom of page 40.

3 To hang up, press (REMOTE SP).
- You can also hang up by pressing (DIGITAL SP-PHONE) on the main unit.



To redial the last number

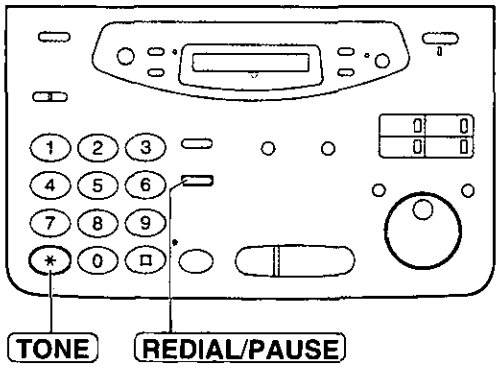
Regardless of whether the main unit or the handset was used, the last number dialed will be redialed.

1. Press (REMOTE SP).
2. Press (REDIAL/PAUSE).

TONE, FLASH and PAUSE buttons

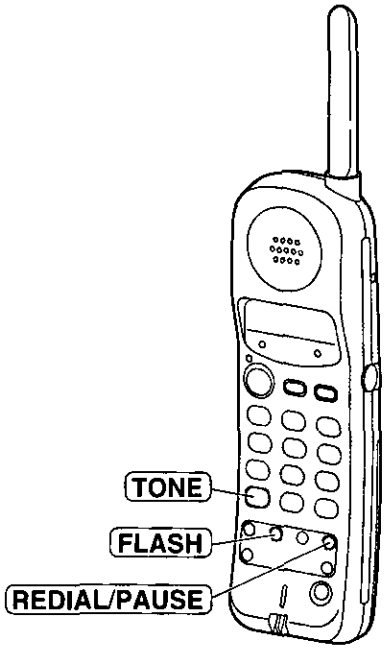
TONE button

The TONE (*) button is used for rotary pulse dial services and allows you to temporarily change from pulse to tone mode during a dialing operation.
When you hang up, the unit will automatically return to pulse mode.



FLASH button (handset only)

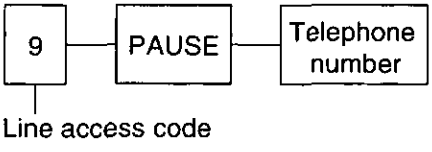
The FLASH button allows you to use special features of a host exchange (if connected) or local telephone company services such as call waiting.
For feature details, contact your host exchange supplier or local telephone company.



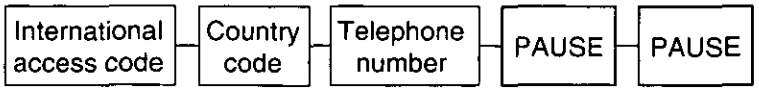
Entering pauses

When the REDIAL/PAUSE button is pressed during dialing, a pause will be inserted. Pressing REDIAL/PAUSE once creates a 5 second pause.

Example 1:
If your unit is connected to a host exchange, insert a pause to get an outside line.



Example 2:
If a transmission error occurs during an overseas transmission, add two pauses at the end of the telephone number.



Note:
- TONE and PAUSE can be stored into a telephone number in the One-Touch Dial and the JOG DIAL directory.

Dialing mode

(touch tone or pulse)

When the unit is turned on, it will automatically set the dialing mode if this feature is set to "AUTO".
If you cannot dial, change the dialing mode setting to "TONE" or "PULSE" by following the instructions below.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [1] [3].

`DIALING MODE`

3 Press (START/SET/COPY).

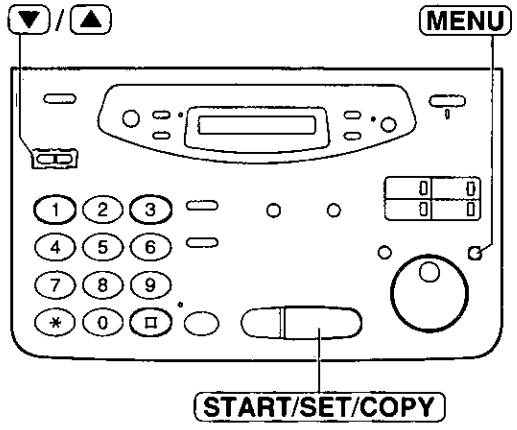
`MODE=AUTO ▼▲`

4 Press (▼) or (▲) to select the desired setting.

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Storing telephone numbers in the handset

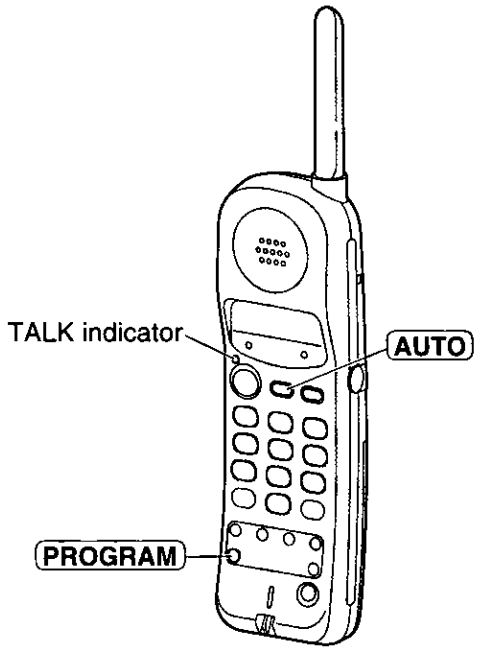
You can store up to 10 telephone numbers in the handset. The dial keys (0 to 9) function as memory stations. Make sure the TALK indicator is off.

1 Press **PROGRAM**.
- The TALK indicator will flash.

2 Enter the telephone number up to 22 digits.
- If you misdial, press **PROGRAM** to end storing, and start again from step 1.

3 Press **AUTO**.

4 Press a memory station number (0 to 9).
- A one beep confirmation tone will sound.
- The TALK indicator will turn off.
- To store other numbers, repeat steps 1 to 4.



Note:
- Numbers stored in the handset cannot be accessed by the main unit.
- A pause entered in a telephone number counts as one digit.

To erase a stored number

1. Press **PROGRAM**.
2. Press **AUTO**.
3. Press the memory station number (0 to 9) you want to erase.
   - 1 beep sounds and erasing is completed.

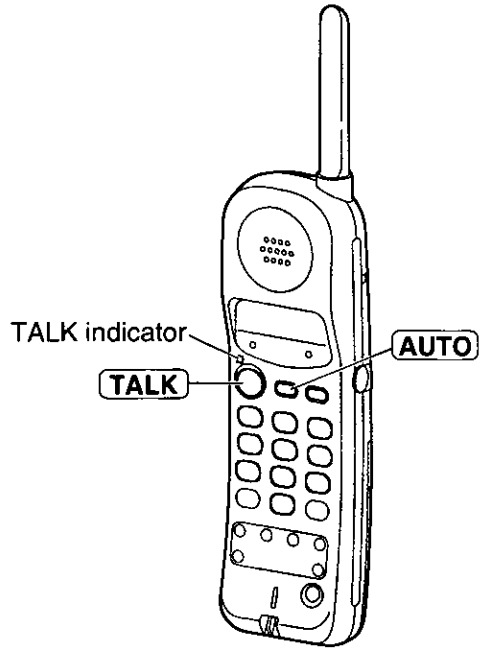
Making a voice call with the handset using stored numbers

1 Press (TALK).
- The TALK indicator will light.

2 Press (AUTO).

3 Press the desired memory station number (0 to 9).
- The stored telephone number will be dialed.

4 When finished talking, press (TALK).
- The TALK indicator will turn off.



Note:
- Numbers stored in the handset cannot be accessed by the main unit.
- For further details for handset operation, see page 35.

Storing names and telephone numbers in the One-Touch Dial

The unit's memory allows you to use the One-Touch Dial for rapid access to your most frequently dialed numbers. 6 stations are available.

- One-Touch Dial keys 1, 2 or 3 can be used as One-Touch Dial keys (DIAL MODE) or as broadcast keys (BROADCAST). These functions cannot be used at the same time. For the broadcast function, see pages 71 to 73.

1 Press (DIRECTORY PROGRAM).

Display:
```
PRESS STATION
↕
OR USE JOG-DIAL
```

2 **For stations 1–3**
Press one of the One-Touch Dial keys.

```
DIAL MODE ▼▲
```

Press (START/SET/COPY) to go to the next prompt.

For stations 4–6
Press (LOWER), then press one of the One-Touch Dial keys.

3 Enter the station name, up to 10 characters, following the instructions on page 29.

Example:
```
NAME=John
```

4 Press (START/SET/COPY).

Example:
```
<S02>=
```

5 Enter the telephone number up to 30 digits.

Example:
```
<S02>=1114497
```

- If you want to enter a hyphen, press (HYPHEN) (One-Touch Dial key 1).

6 Press (START/SET/COPY).

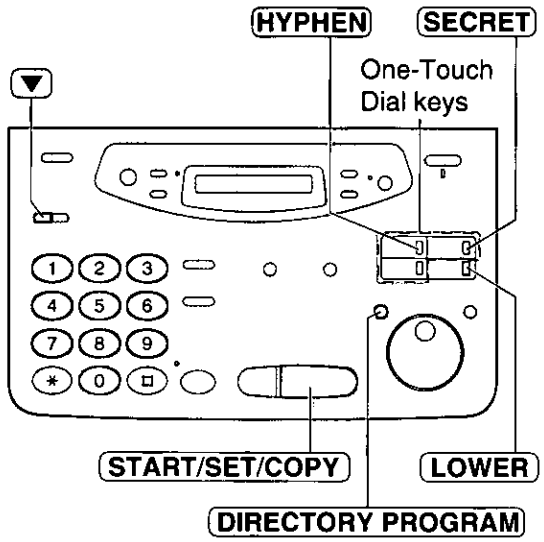
```
REGISTERED
↓
PRESS STATION
↕
OR USE JOG-DIAL
```

- To program other stations, repeat steps 2 to 6.

7 Press (DIRECTORY PROGRAM) to exit the program.

Helpful hint:

- You can confirm the stored items on the display (p. 50) or on the telephone number list (p. 134).



Note:

- If "DIAL MODE" is not displayed when you select stations 1, 2 or 3 in step 2, the broadcast function has been set. To use the station as a One-Touch Dial key, press (▼) to select "DIAL MODE". The broadcast function will be canceled.
- A hyphen entered in a telephone number counts as two digits.

To keep the telephone number secret

Press (SECRET) (One-Touch Dial key 3) after entering the telephone number in step 5.

- A secret number cannot be viewed after this is set.
- The telephone number will not appear on the telephone number list.
- Pressing (SECRET) does not count as a digit.

To edit a stored station name and number

Enter the desired name in step 3.
Enter the desired number in step 5.
To erase a stored station name and number, see page 49.

Making a voice call using the One-Touch Dial

Before using this feature, program the desired names and telephone numbers into the One-Touch Dial (p. 46).

1 Press **DIGITAL SP-PHONE**.

Display: `TEL=`

- Check that there are no documents in the document feeder tray.

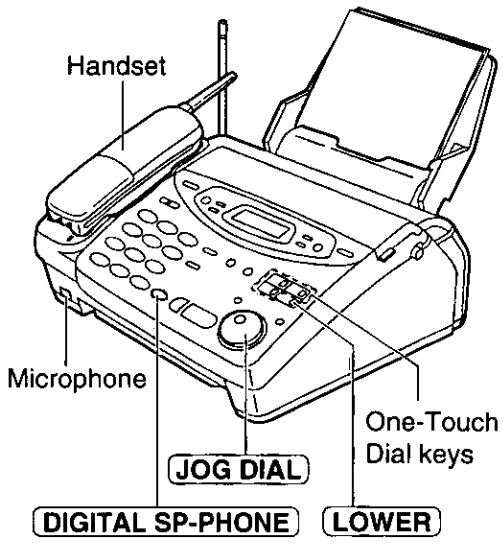
2 **For stations 1–3**
Press the desired One-Touch Dial key.

For stations 4–6
Press **LOWER**, then press the desired One-Touch Dial key.

Example: `TEL=<John>`

3 When the other party answers, talk into the microphone or lift the handset.

4 When finished talking, press **DIGITAL SP-PHONE** or replace the handset.



Helpful hints:

- You can confirm the stored items on the display (p. 50) or on the telephone number list (p. 134).
- You can use the JOG DIAL directory to select the station name instead of using the One-Touch Dial keys. Rotate **JOG DIAL** until the desired name is displayed, then press **DIGITAL SP-PHONE**.

Storing names and telephone numbers in the JOG DIAL directory

For rapid access to frequently dialed numbers, the unit also provides a JOG DIAL directory (100 stations) in addition to the One-Touch Dial. For your convenience, the following 2 stations have been pre-programmed in the JOG DIAL directory.

HELP-FAX (1-800-435-7329): If you cannot correct a problem after trying the help function (p. 19), call using this station (p. 50).

IQ-FAX-CS (IQ-FAX Customer Service Center) (1-888-332-9728): If you have a problem with IQ-FAX, call using this station (p. 50).

If you do not need the above stations, you can edit or erase them (p. 49).

1 Press (DIRECTORY PROGRAM).

Display:
```
PRESS STATION
OR USE JOG-DIAL
```

2 Rotate (JOG DIAL) until the following is displayed.
```
NAME=
```

3 Enter the name, up to 10 characters, following the instructions on page 29.

Example:
```
NAME=Alice
```

4 Press (START/SET/COPY).
```
NO.=
```

5 Enter the telephone number up to 30 digits.

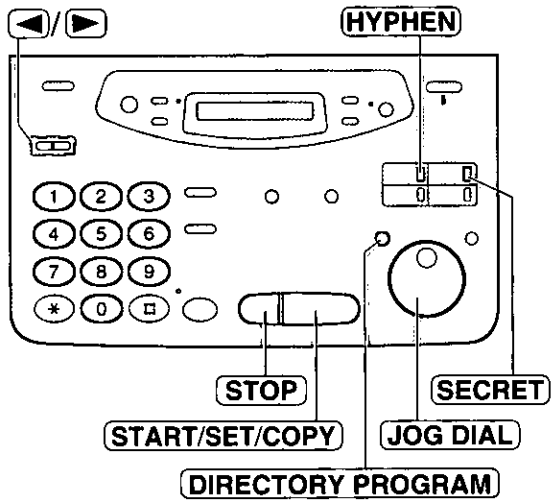
Example:
```
NO.=5552233
```

- If you want to enter a hyphen, press (HYPHEN).

6 Press (START/SET/COPY).
```
REGISTERED
NAME=
```

- To program other items, repeat steps 3 to 6.

7 Press (DIRECTORY PROGRAM) to exit the program.



Helpful hint:

- You can confirm the stored items on the display (p. 50) or on the telephone number list (p. 134).

Note:

- When the following message is displayed in step 6, you can only store 5 more items.

  Display:
  ```
  SPACE= 5 DIRS.
  ```

- If there is no space to store new stations, the following message is displayed in step 1.
  ```
  JOG-DIAL FULL
  ```
  Erase unnecessary stations (p. 49).
- A hyphen entered in a telephone number counts as two digits.

To correct a mistake

- Press ◄ or ► to move the cursor to the incorrect character, and make the correction.

To delete a character or number

- Move the cursor to the character or number you want to delete and press (STOP).

To keep the telephone number secret

Press (SECRET) (One-Touch Dial key 3) after entering the telephone number in step 5.

- A secret number cannot be viewed after this is set.
- The telephone number will not appear on the telephone number list.
- Pressing (SECRET) does not count as a digit.

Editing a stored name and number

1 Rotate [JOG DIAL] until the desired name is displayed.

Example: `Mary`

2 Press [DIRECTORY PROGRAM].

`EDIT=* DELETE=#`

3 Press [*] to select "EDIT".

`NAME=Mary`

- If you do not need to edit the name, go to step 5.

4 Edit the name by following the instructions on page 29.

5 Press [START/SET/COPY].

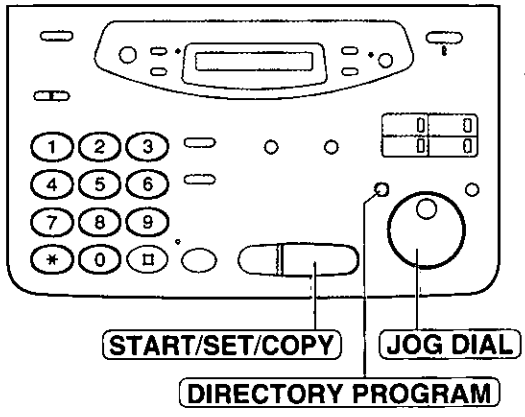
Example: `NO.=0123456`

- If you do not need to edit the telephone number, go to step 7.

6 Edit the telephone number. For further details, see page 48.

7 Press [START/SET/COPY].

`REGISTERED`



Erasing a stored name and number

You can erase a name and number stored in the JOG DIAL directory or One-Touch Dial.

1 Rotate [JOG DIAL] until the desired name is displayed.

Example: `Smith`

2 Press [DIRECTORY PROGRAM].

`EDIT=* DELETE=#`

3 Press [#] to select "DELETE".

`DELETE OK?`

↕

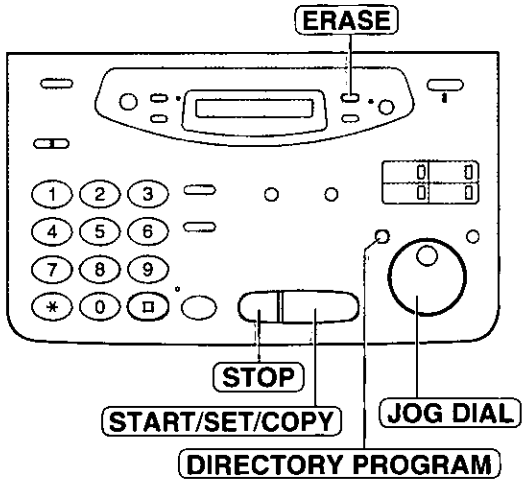
`YES: PRESS SET`

- If you do not want to erase the item, press [STOP].

4 Press [START/SET/COPY].

`DELETED`

- The stored name and number are deleted.



Note:

- You can use the following method to erase.
  1. Rotate [JOG DIAL] until the desired name is displayed.
  2. Press [ERASE].
  3. Press [START/SET/COPY].

Making a voice call using the JOG DIAL directory

Before using this feature, program the desired names and telephone numbers into the directory (p. 48).

1 Rotate JOG DIAL until the desired name is displayed.

Example: `Lisa`

2 ■ **Handset is off the main unit:**
Press TALK on the handset.

■ **Handset is on the main unit:**
Press DIGITAL SP-PHONE or lift the handset.

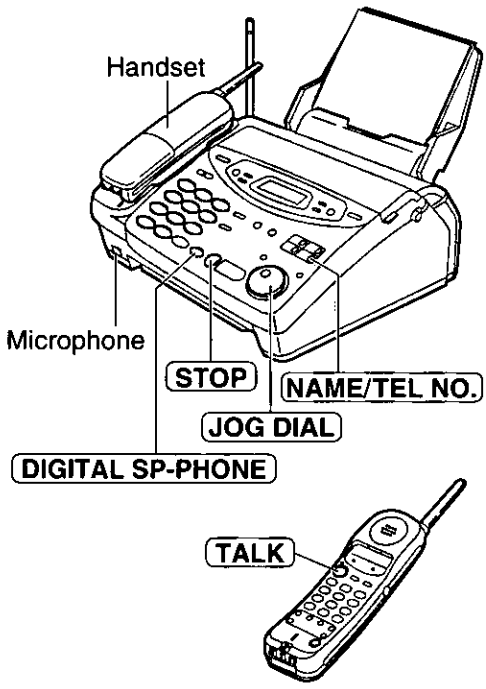
- The unit will start dialing automatically.

`DIALING`

3 When the other party answers, talk into the microphone or lift the handset.

Example: `TEL=<Lisa>`

4 When finished talking, press TALK, DIGITAL SP-PHONE or replace the handset.



Helpful hint:

- You can confirm the stored items on the display (see below) or on the telephone number list (p. 134).

Note:

- If the desired name has not been stored, press STOP and dial the number manually.

To confirm the stored items on the display

1. Rotate JOG DIAL until the desired name is displayed.

   Example: `Kim`

2. Press NAME/TEL NO..

   `4567890`

   - To stop the operation, press STOP.

3. **Handset is off the main unit:**
   Press TALK on the handset.
   Handset is on the main unit:
   Press DIGITAL SP-PHONE or lift the handset.

   - The unit will automatically dial the number.

To search for a name by initial

Example: If you want to search for the name "Lisa"

1. Rotate JOG DIAL until any name is displayed.

   Example: `Alan`

2. Press 5 repeatedly until any name with the initial "L" is displayed (see the character table on page 29).

   `Larry`

3. Rotate JOG DIAL to the right until "Lisa" is displayed.

   `Lisa`

   - To stop the operation, press STOP.

4. **Handset is off the main unit:**
   Press TALK on the handset.
   Handset is on the main unit:
   Press DIGITAL SP-PHONE or lift the handset.

   - The unit will automatically dial the number.

Note:

- If you want to search for symbols (not letters or numbers), press * in step 2.

Caller ID service from your phone company

This unit is compatible with a Caller ID service offered by your local telephone company. To use this feature, you must subscribe to a Caller ID service.

Caller ID and its capabilities

Caller ID allows you to view the name or telephone number of the caller before you answer the call. The calling party information (name has priority) will be displayed after the first ring.
By using Caller ID, you have the option of whether or not to answer the call depending on the caller.

The unit also stores the caller's information and prints a list automatically after every 35 calls (p. 57).
- To print out the Caller ID list manually, see page 134.

Important:
- When you subscribe to a Caller ID service, set the following ring count settings to 2 or more rings:
  — TAD/FAX mode ring count (p. 115),
  — FAX ONLY mode ring count (p. 80), and
  — TEL/FAX delayed ring count (p. 87).

How Caller ID is displayed

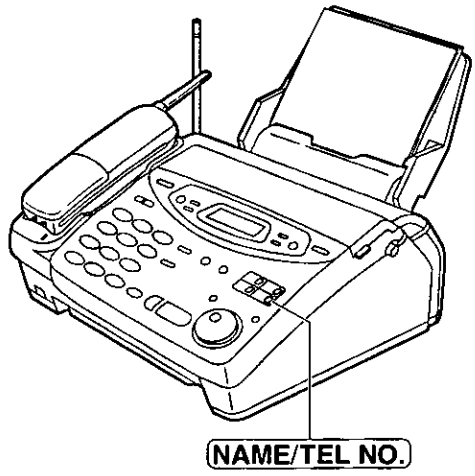
1 When a call is received, the display will show the caller's name after the first ring.

Example: `Chris Horner`

2 You can display the caller's name and number respectively by pressing **NAME/TEL NO.**.

`Chris Horner` → `123-456-7890`

3 After hanging up, the caller's information (name, telephone number and the time of the call) will automatically be saved in the Caller ID list (p. 57).



Note:
- If the unit is connected to a PBX system, you may not receive the caller's information. Consult your PBX supplier.
- The Caller ID service is currently provided in calling areas by caller identification technology. If the caller's information cannot be received, the display will show as follows.

Display:		
	`OUT OF AREA`	The caller dialed from an area which does not provide the Caller ID service.
	`PRIVATE CALLER`	The caller has requested not to send their information.
	`LONG DISTANCE`	The caller made a long distance call.

Viewing the Caller ID list on the display

The unit stores the caller's information and makes a list of up to 35 callers in chronological order.
When the memory is full and the unit receives a new call, the oldest data will automatically be erased.

With the Caller ID list, the following convenient features are available.
— Viewing who has called you on the display (See below)
— Dialing a telephone number from the list (p. 53)
— Storing a telephone number for automatic dialing from the list (p. 54)
— Printing out a Caller ID list (p. 134)

1 Press **CALLER ID SEARCH**.

Example: `2 NEW CALLS`
↕
Display: `USE JOG-DIAL`

2 Rotate **JOG DIAL** to search the Caller ID list (see below).

3 If you want to know the caller's phone number and the date/time of the call, press **NAME/TEL NO.** repeatedly while the display is showing the desired name.

- The display will alternate the name, number and date/time when you press **NAME/TEL NO.**.

`WENDY ROBERTS`
↓
`345-3809`
↓
`Mar. 14 02:30PM`

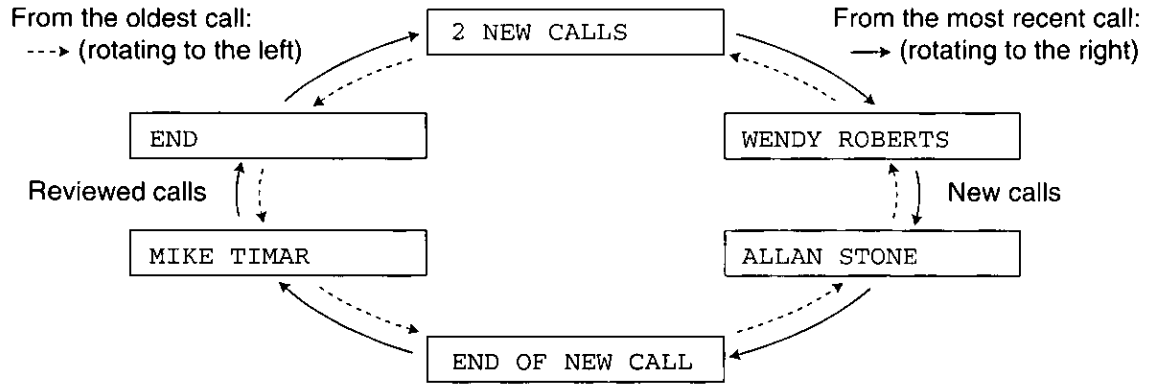
4 Press **STOP** to exit the Caller ID list.

Note:

- If the caller's name and number cannot be received, the following message will be displayed.

Display: `NO NAME RCVD`

Ex. When you search from the most recent call/oldest call



Note:

- To move between calls, rotate **JOG DIAL**.
- The display will show "END OF NEW CALL" after the last new call in the list.
- The display will show "END" after the last call in the list.
- If the display shows "NO CALLER DATA" and a beep sounds, the Caller ID list is empty.

Calling back from the Caller ID list

You can easily call back a telephone number recorded in the Caller ID list.

Important:

- This feature is not available in the following cases.
  - — The telephone number includes data other than numbers (e.g. ✱ or #).
  - — The telephone number information was not received.

1 Press **CALLER ID SEARCH**.

Example: `2 NEW CALLS`

↕

Display: `USE JOG-DIAL`

2 Rotate **JOG DIAL** until the desired name or telephone number is displayed.

Example: `ALLAN STONE`

3 ■ **Handset is off the main unit:**

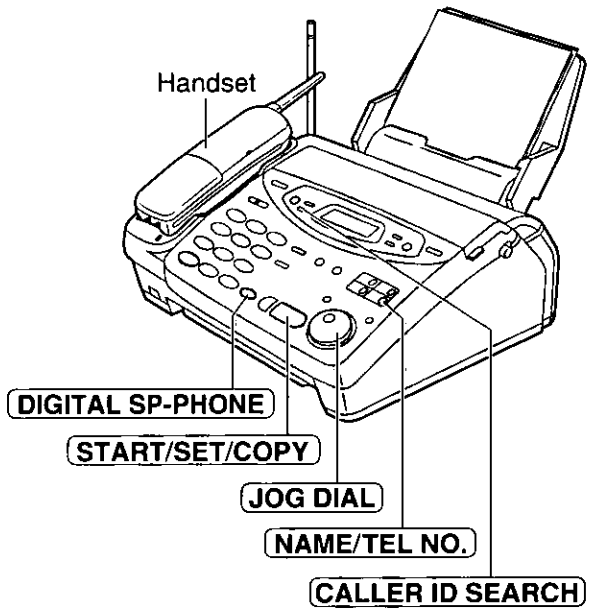
Press **TALK** on the handset.

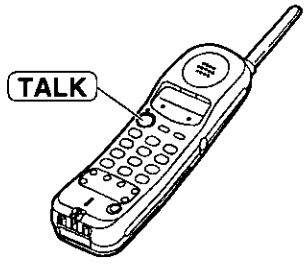
■ **Handset is on the main unit:**

Press **DIGITAL SP-PHONE** or lift the handset.

- The unit will start dialing automatically.

4 When finished talking, press **TALK**, **DIGITAL SP-PHONE** or replace the handset.





Note:

- You can send a fax by pressing **START/SET/COPY** after step 3. Make sure document is on the document feeder tray.
- If a telephone number is not displayed when pressing **NAME/TEL NO.**, you cannot call back that caller.

To edit 10 digit telephone numbers into one of 4 patterns on the main unit

Press ✱ in step 2 to select a pattern.

Each time you press ✱, the number will be arranged into one of 4 different patterns.

a: Telephone number

b: 1– Area code – Telephone number

c: 1– Telephone number

d: Area code – Telephone number

Storing telephone numbers in the One-Touch Dial and JOG DIAL directory from the Caller ID list

You can store names and telephone numbers in the One-Touch Dial and JOG DIAL directory from the Caller ID list.

Important:

- This feature is not available in the following cases.
  - — The telephone number includes data other than numbers (e.g. ✳ or #).
  - — The telephone number information was not received.

1 Press **CALLER ID SEARCH**.

Example:
```
2 NEW CALLS
```
↕

Display:
```
USE JOG-DIAL
```

2 Rotate **JOG DIAL** until the name you want to store is displayed.

Example:
```
WENDY ROBERTS
```

3 Press **DIRECTORY PROGRAM**.

```
PRESS STATION
```
↕
```
OR USE JOG-DIAL
```

4 **a: To store in the One-Touch Dial memory:**
For stations 1–3, press one of the One-Touch Dial keys.

```
DIAL MODE          ▼▲
```

Press **START/SET/COPY**.

Example:
```
NAME=WENDY ROBE
```

Press **START/SET/COPY**.

```
<S02>1233453809
```

For stations 4–6, press **LOWER**, then press one of the One-Touch Dial keys.

Example:
```
NAME=WENDY ROBE
```

Press **START/SET/COPY**.

```
<S06>1233453809
```

- A new entry will overwrite any previous information.
- If you are using One-Touch Dial keys 1, 2 or 3 as BROADCAST keys (p. 71), One-Touch Dial keys cannot be used for this feature.
- You can only store a name up to 10 characters long. To edit the name and number, see the instructions on page 46.

b: To store in the JOG DIAL directory:
Rotate **JOG DIAL**.

Example:
```
NAME=WENDY ROBE
```

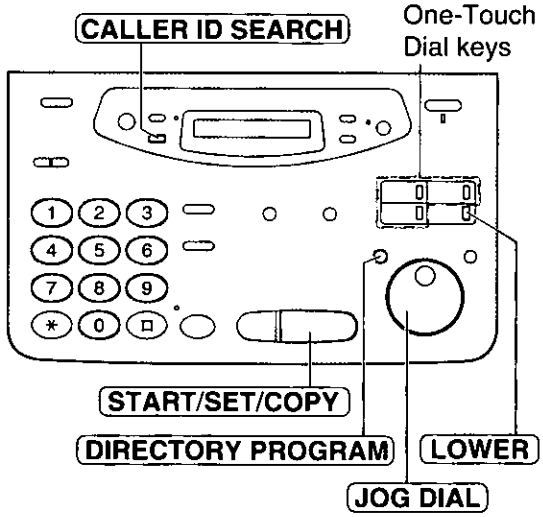
Press **START/SET/COPY**.

```
NO.=1233453809
```

- If the directory is full, a name and number cannot be stored.
- You can only store a name up to 10 characters long. To edit the name and number, see the instructions on page 49.

5 Press **START/SET/COPY**.

```
REGISTERED
```



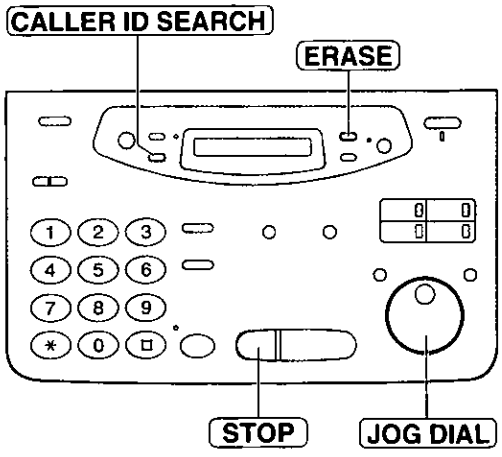
Note:

- You cannot store caller information in the One-Touch Dial and JOG DIAL directory if a telephone number is not displayed.

Erasing a name/number from the Caller ID list

You can erase some or all of the entries in the Caller ID list.

Erasing a specific caller's information



1 Press CALLER ID SEARCH.

Example:
```
2 NEW CALLS
```
↕

Display:
```
USE JOG-DIAL
```

2 Rotate JOG DIAL until the desired name is displayed.

Example:
```
WENDY ROBERTS
```

3 Press ERASE.

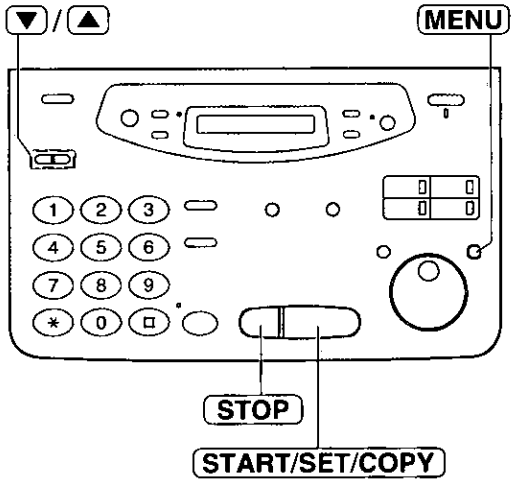
- The caller's information will be erased.

```
DELETED
```
↓
```
ALLAN STONE
```

- To erase other caller's information, repeat steps 2 and 3.

4 Press STOP to exit the program.

Erasing all callers' information



1 Press MENU three times.

Display:
```
3.CALLER SET UP
```

2 Press START/SET/COPY.

```
PRESS[▼▲]&[SET]
```

3 Press ▼ or ▲ until the following message is displayed.

```
CALL LIST ERASE
```

4 Press START/SET/COPY.

```
ALL ERASE OK?
```

- If you do not want to erase the information, press STOP.

5 Press START/SET/COPY.

```
ERASE COMPLETED
```

6 Press STOP to exit the program.

Storing your area code

When this feature is set, the caller's telephone number will be displayed without the area code when a call is received from the same area. If the call is received from outside your area, the telephone number will be displayed with "1" at the beginning.

1 Press (MENU) three times.

Display: `3.CALLER SET UP`

2 Press (START/SET/COPY).

`PRESS[▼▲]&[SET]`

3 Press (▼) or (▲) until the following message is displayed.

`AREA CODE`

4 Press (START/SET/COPY).

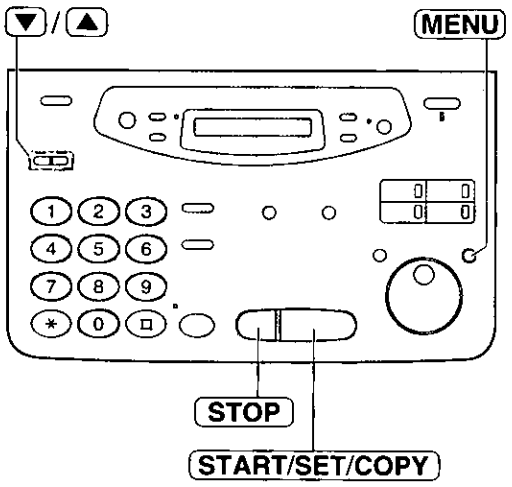
`CODE=`

5 Enter your area code using 3 digits on the dial keypad.

6 Press (START/SET/COPY).

`REGISTERED`

7 Press (STOP) to exit the program.



To erase the area code

- Press (STOP) when your area code is displayed in step 4. Press (START/SET/COPY). Press (STOP) to exit the program.

Automatic Caller ID list

This feature will print a Caller ID list automatically after every 35 new calls.
After printing, only the oldest caller information will be erased when a new call is received.
When this feature is turned off, the unit will store the records of caller information, but will not print the Caller ID list automatically.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [2] [6].

`AUTO CALL. LIST`

3 Press (START/SET/COPY).

`MODE=ON ▼▲`

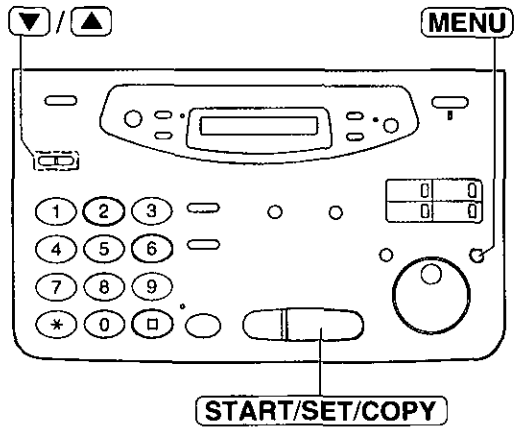
4 Press (▼) or (▲) to select the desired setting.

- If this feature is not required select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Sample of a Caller ID list

CALLER ID LIST

Jan. 04 1999 04:37PM

[NEW]

NO.	NAME	TELEPHONE NUMBER	TIME OF CALL	ANSWER
01	WENDY ROBERTS	123-345-3809	Jan. 04 02:35PM	FAX
02	ALLAN STONE	456-103-2238	Jan. 03 08:35AM	TAD

[OLD]

NO.	NAME	TELEPHONE NUMBER	TIME OF CALL	ANSWER
01	MIKE TIMAR	789-345-1029	Jan. 01 02:35PM	TEL

- The NAME/TELEPHONE NUMBER/TIME OF CALL information is received through a Caller ID service (p. 51).
- ANSWER: How the call was received by the unit.
  — FAX: Facsimile
  — TAD: Telephone answering device
  — TEL: Telephone
  If the unit did not respond to the call, the ANSWER column will be blank.
- You can also print a Caller ID list manually (p. 134).

Talking to the caller after fax transmission or reception

You can talk to the other party on the same call after a fax message is completed. This will save the added expense and time of making another call.
This feature only works when the other party's fax machine is equipped with a voice contact feature.

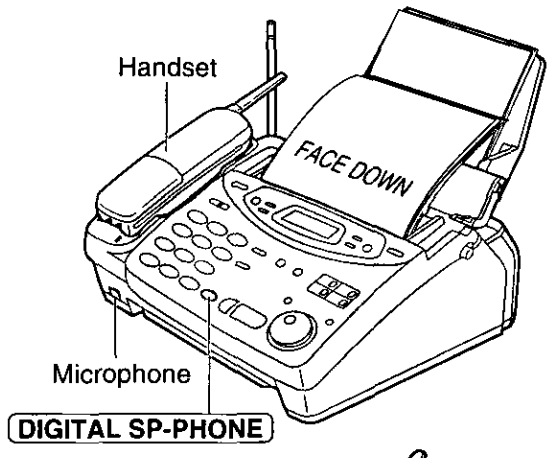
Initiating voice contact

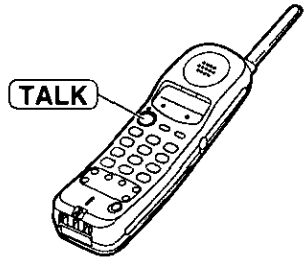
1 Press (DIGITAL SP-PHONE) while transmitting or receiving documents.

Display: VOICE STANDBY

- Your unit will call the other party with a distinctive ring.
- When the other party answers, your unit will emit a distinctive ring.

2 To start talking:
— Press (DIGITAL SP-PHONE),
— Lift the handset, or
— Press (TALK) on the handset.





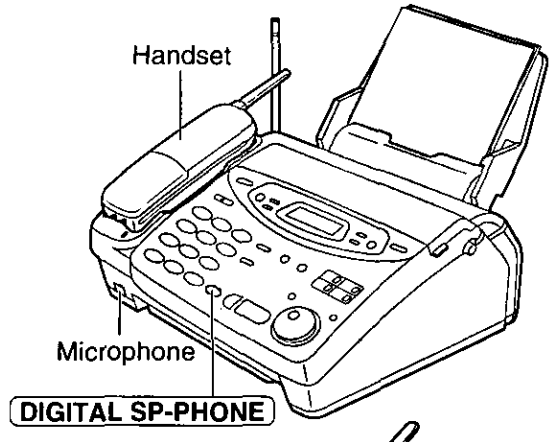
Note:
- If you initiate voice contact during transmission, the unit will call you with a distinctive ring after all of the documents have been transmitted.
- If you initiate voice contact during reception, the unit will call you with a distinctive ring after the current page of the document is received.

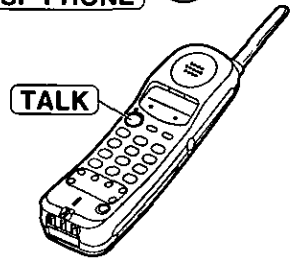
Receiving a request for voice contact

1 If the other party initiates voice contact, your unit will sound a distinctive ring and the following will be displayed.

Display: PLEASE PICK UP

2 To start talking:
— Press (DIGITAL SP-PHONE),
— Lift the handset, or
— Press (TALK) on the handset
within 10 seconds of the distinctive ring to start talking.





Note:
- If you do not answer within 10 seconds of the distinctive ring;
  — If in the TAD/FAX mode, your unit will play a greeting message and record an incoming voice message.
  — If in the FAX ONLY, TEL or TEL/FAX mode, the line will be disconnected.

Sending a fax manually

1 Open the document feeder tray.

2 Adjust the width of the document guides to the size of the document.

3 Insert the document (up to 15 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

4 If necessary, press **RESOLUTION** repeatedly to select the desired setting (see below).

5 Press **DIGITAL SP-PHONE**.
(This step is optional. See note.)

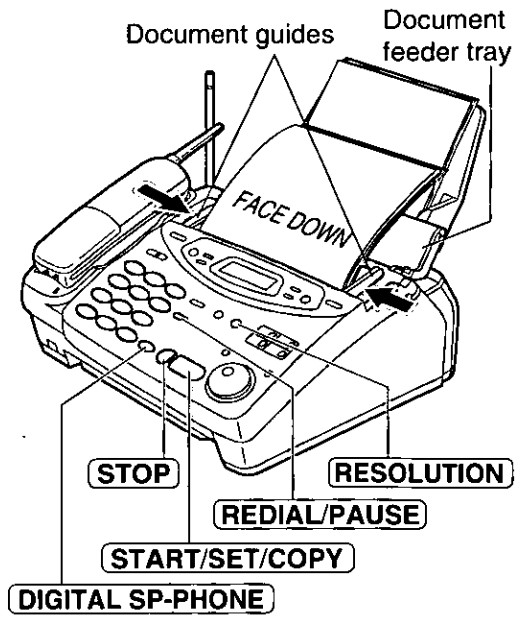
`TEL=`

6 Dial the fax number.

Example: `TEL=5678901`

7 **When a fax tone is heard:**
Press **START/SET/COPY**.
OR
When the other party answers your call:
Ask them to press their start button. When a fax tone is heard, press **START/SET/COPY**.

`CONNECTING.....`



Note:

- **If you cannot send a fax,** check the problem by printing a journal report (p. 134) and see page 118 to solve the problem.
- Performing step 5 allows you to identify any possible problems in sending a fax. For the parties with whom you have experienced no problems, you can skip step 5. Dial the fax number and press **START/SET/COPY**.

To feed more than 15 pages at a time

Insert the first 15 pages of the document. Add the extra pages (up to 15) before the last page is fed into the unit.

To redial the last number

Regardless of whether the main unit or the handset was used, the last number dialed will be redialed.
Press **REDIAL/PAUSE**.

- If the line is busy, the unit will automatically redial the number up to 5 times.
- During redial, the following will be displayed.

Display: `WAITING REDIAL`

- To cancel redialing, press **STOP**.

To stop transmission

Press **STOP**.

To eject the document, press **STOP** again.

To select the resolution

Select the desired resolution according to the type of document.

`STANDARD`	For printed or typewritten originals with normal-sized characters.
`FINE`	For originals with small printing.
`SUPER FINE`	For originals with minute printing.
`HALF TONE`	For originals containing photographs, shaded drawings, etc.

- Using the fine, super fine or half tone setting will increase the transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The super fine resolution only works with other compatible fax machines.

Sending a fax using the One-Touch Dial

Before using this feature, program the desired names and fax numbers into the One-Touch Dial (p. 46).

1 Open the document feeder tray.

2 Adjust the width of the document guides to the size of the document.

3 Insert the document (up to 15 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

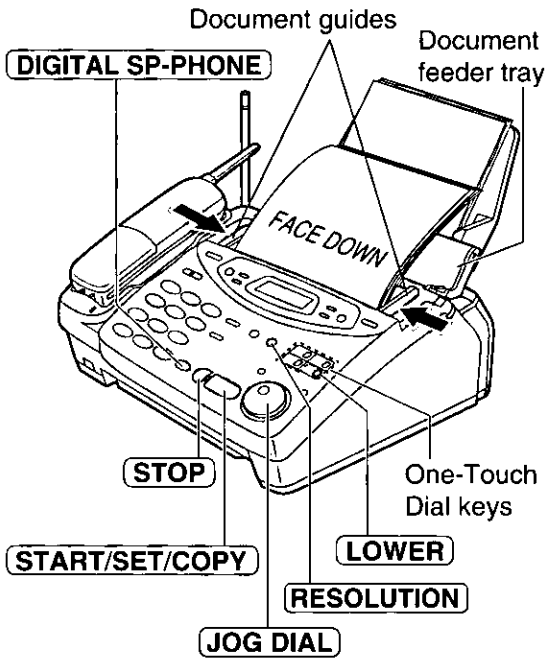
4 If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 59).

5 **For stations 1–3**
Press the desired One-Touch Dial key.

For stations 4–6
Press **LOWER**, then press the desired One-Touch Dial key.

Example:
`FAX=<Sara>`
↓
`CONNECTING.....`

- The unit will start transmission.



Helpful hints:

- You can confirm the stored items on the display (p. 50) or on the telephone number list (p. 134).
- You can use the JOG DIAL directory to select the station name instead of using the One-Touch Dial keys. Rotate **JOG DIAL** until the desired name is displayed, then press **START/SET/COPY**.
- The connecting tone will be heard during dialing to tell you the status of the other party's machine (p. 75).

If your unit does not send a fax

To verify that the number dialed is answered by the other party's machine:

1. Press **DIGITAL SP-PHONE**.
2. **For stations 1–3**
   Press the desired One-Touch Dial key.
   For stations 4–6
   Press **LOWER**, then press the desired One-Touch Dial key.

Fax auto redial

If the line is busy or there is no answer, the unit will automatically redial the number up to 5 times.

- This feature is also available for;
  — sending a fax using the JOG DIAL directory (p. 61).
  — delayed transmission (p. 69).
- During redial, the following will be displayed.

Display: `WAITING REDIAL`

- To cancel redialing, press **STOP**.

Sending a fax using the JOG DIAL directory

Before using this feature, program the desired names and fax numbers into the directory (p. 48).

1 Open the document feeder tray.

2 Adjust the width of the document guides to the size of the document.

3 Insert the document (up to 15 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

4 If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 59).

5 Rotate **JOG DIAL** until the desired name is displayed.

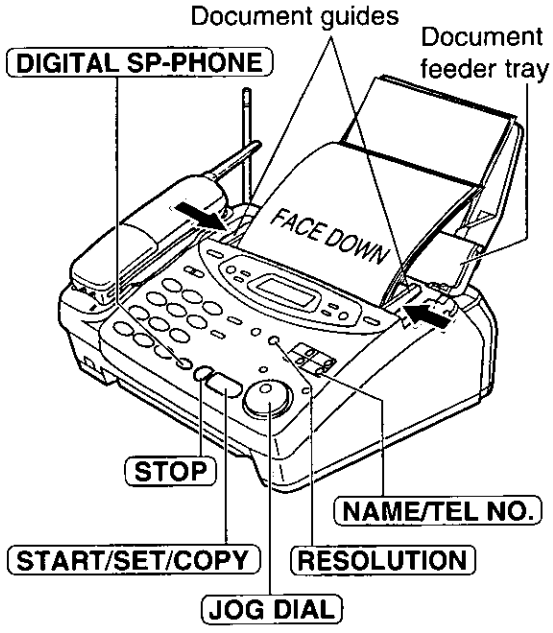
Example: `Alice`

- To confirm the number, press **NAME/TEL NO.**.

6 Press **START/SET/COPY**.

`FAX=<Alice>`
↓
`CONNECTING.....`

- The unit will start transmission.



Helpful hints:

- You can confirm the stored items on the display (p. 50) or on the telephone number list (p. 134).
- The connecting tone will be heard during dialing to tell you the status of the other party's machine (p. 75).

Note:

- If the desired name has not been stored, press **STOP** and dial the number manually.
- For further details about using the JOG DIAL, see page 50.

If your unit does not send a fax

To verify that the number dialed is answered by the other party's machine:

1. Rotate **JOG DIAL** until the desired name is displayed.
2. Press **DIGITAL SP-PHONE**.

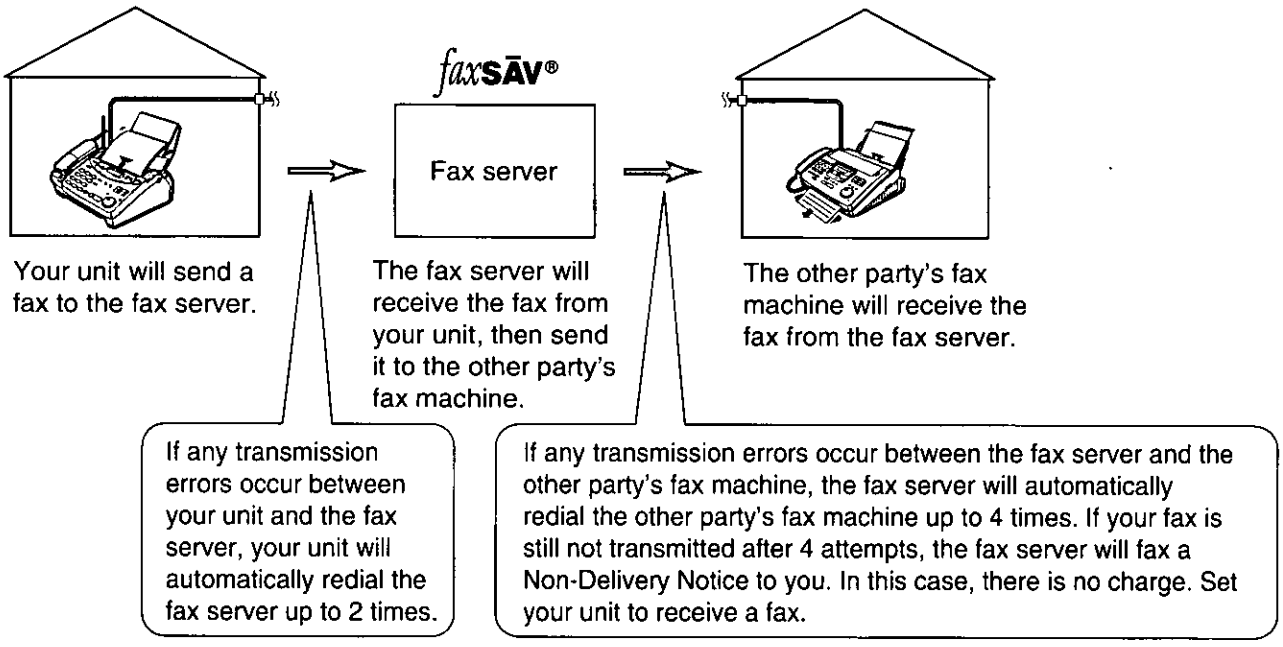
IQ-FAX

This feature can only be used by those who apply to the FaxSav service.
IQ-FAX is intelligent faxing which allows you to send faxes via the Internet using the IQ-FAX button. Behind the IQ-FAX button is the FaxSav Global Fax Network which manages the delivery of your fax to any fax machine in the world. It routes your fax via the best and most time-efficient route and will automatically resend your fax for you, if the receiving fax machine is unavailable.

This "fax-only" network has the added advantage of cost efficiency due to the Internet being integrated into the network. Every fax is secure since the FaxSav network utilizes the highest encryption legally allowed, ensuring that your document stays secure. You get the benefits of carefree faxing with savings associated with the use of the Internet. It is simple, quick, and secure.

For more information, contact FaxSav at 1-888-332-9728. This number is pre-programmed in the JOG DIAL directory (p. 48).

How your fax is sent to the other party's fax machine


faxSAV®
Fax server
Your unit will send a fax to the fax server.
The fax server will receive the fax from your unit, then send it to the other party's fax machine.
The other party's fax machine will receive the fax from the fax server.
If any transmission errors occur between your unit and the fax server, your unit will automatically redial the fax server up to 2 times.
If any transmission errors occur between the fax server and the other party's fax machine, the fax server will automatically redial the other party's fax machine up to 4 times. If your fax is still not transmitted after 4 attempts, the fax server will fax a Non-Delivery Notice to you. In this case, there is no charge. Set your unit to receive a fax.

How to apply for the FaxSav Internet service for your unit

1 Fill out the attached application form and fax it to 1-800-909-6649.
- The FaxSav company will send you a welcome fax after they have activated your account.
- There is no application or monthly fee. You pay only for the faxes you send.

2 To activate the IQ-FAX function from your fax machine, set feature setting #75 to "ON" (see next page).

Turning on the IQ-FAX function

Before programming, confirm that your application has been processed by FaxSav.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [¤], then [7] [5].

`IQ-FAX`

3 Press (START/SET/COPY).

`MODE=OFF ▼▲`

4 Press [▼] or [▲] to select "ON".

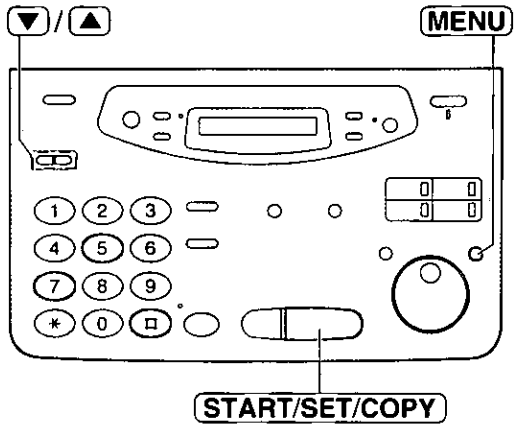
`MODE=ON ▼▲`

- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Sending a fax using the Internet

1 Open the document feeder tray.

2 Adjust the width of the document guides to the size of the document.

3 Insert the document (up to 15 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

4 If necessary, press **RESOLUTION** repeatedly to select the desired setting (p. 59).

5 Press **IQ-FAX**.

`IQFAX TO WHERE?`

6 Enter the fax number using the dial keypad, One-Touch Dial, **JOG DIAL** or **BROADCAST** key.

- When using the **JOG DIAL**, press **START/SET/COPY** after displaying the desired item.

Example: `FAX=<Adam>`

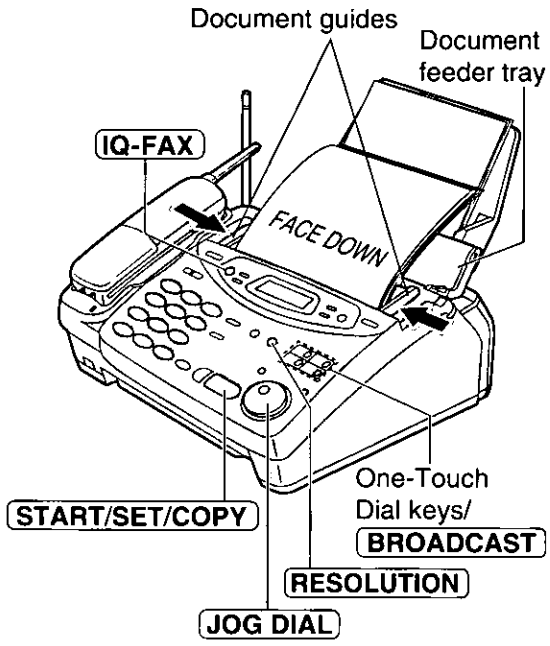
7 Press **START/SET/COPY**.

`TRYING IQ-FAX`
↓
`CONNECTING.....`
↓
`SENDING P 1`
↓
`SENT TO SERVER`

- If the number you dialed is out of the FaxSav network service area, the unit will show the following messages and send the fax directly over the telephone line.

`OUT OF NETWORK`
↓
`SENDING NORMAL`

- If "OUT OF NETWORK" is displayed when sending a fax long-distance or internationally using IQ-FAX, then contact FaxSav at 1-888-332-9728.



If you cannot send a fax

Contact FaxSav at 1-888-332-9728.
The FaxSav customer service center may send you a program update. While receiving this update, you will not be able to operate the unit and the following message will be displayed for about 3 minutes.

Display: `LOADING IQ-DATA`

During this time, you will not be able to operate extension telephones, if they are connected.

If a loading error occurs, the unit will display the following message.

`LOADING ERROR`

In this case, contact FaxSav at 1-888-332-9728.

Sending a fax by following the voice guide

You can send documents by following the voice guide. After transmission, the voice guide will turn off automatically.

1 Press (HELP) two times.

Display: `1.SEND GUIDE`

2 Press (START/SET/COPY).

Voice guide:

To transmit, insert the document face down until you hear the beep.

3 Insert the document FACE DOWN until a single beep is heard and the unit grabs the document.

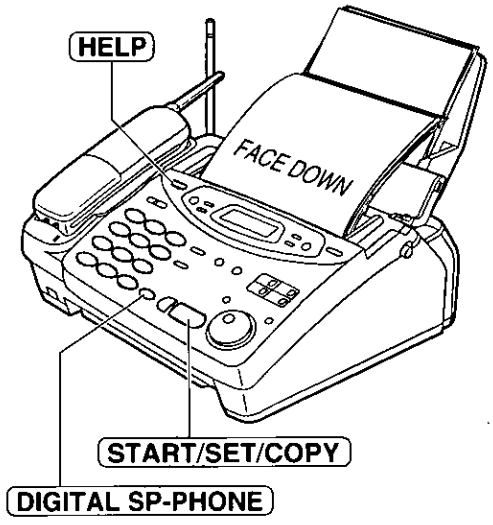
Press the speaker phone button, then dial the phone number. When the fax tone is heard, press the start button.

4 Press (DIGITAL SP-PHONE).

5 Dial the fax number.

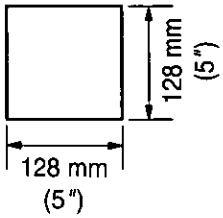
6 **When a fax tone is heard**, press (START/SET/COPY).

Start transmission.

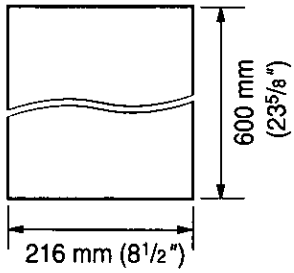


Documents you can send

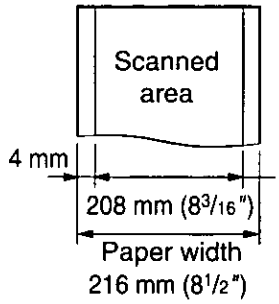
Minimum size



Maximum size



Effective scanning area



Document weight

Single sheet:
45 g/m² to 90 g/m²
(12 lb. to 24 lb.)

Multiple sheets:
60 g/m² to 75 g/m²
(16 lb. to 20 lb.)

Note:

- Remove clips, staples or other similar fastening objects.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
  - — Chemically treated paper such as carbon or carbonless duplicating paper
  - — Electrostatically charged paper
  - — Heavily curled, creased or torn paper
  - — Paper with a coated surface
  - — Paper with a faint image
  - — Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)

Sending report for confirmation

The sending report will provide you with a printed record of fax transmission results.
One of the following choices is available.

ERROR: The sending report will print out only when fax transmission fails (pre-selected setting).
ON: The sending report will always print out, indicating whether fax transmission is successful or not.
OFF: The sending report will not print.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [¤], then [0] [4].

`SENDING REPORT`

3 Press (START/SET/COPY).

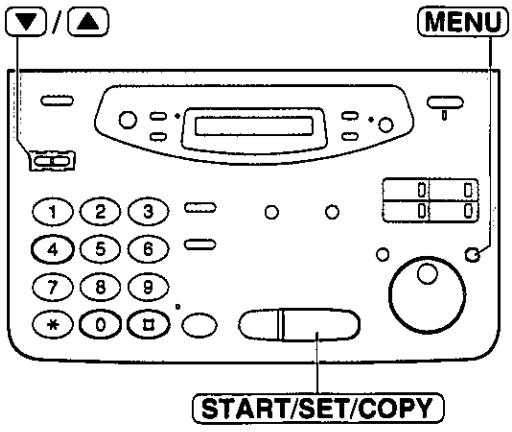
`MODE=ERROR ▼▲`

4 Press [▼] or [▲] to select the desired setting.

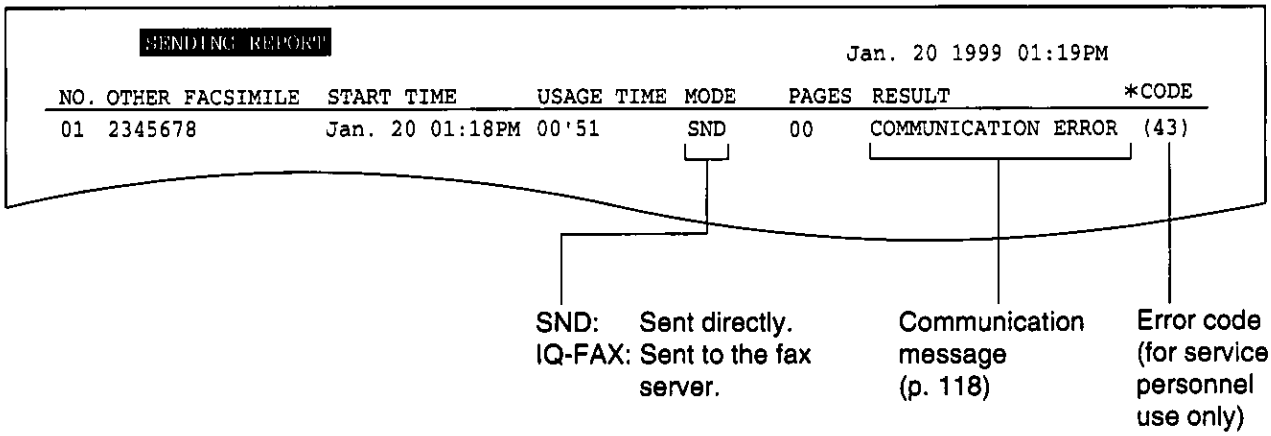
5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Sample of a sending report


SENDING REPORT
Jan. 20 1999 01:19PM
NO. OTHER FACSIMILE START TIME USAGE TIME MODE PAGES RESULT *CODE
01 2345678 Jan. 20 01:18PM 00'51 SND 00 COMMUNICATION ERROR (43)
SND: Sent directly.
IQ-FAX: Sent to the fax server.
Communication message (p. 118)
Error code (for service personnel use only)

Note:

- If your fax is not transmitted to the other party's fax machine using the FaxSav network, the FaxSav network will send a Non-Delivery Notice to your unit.

Automatic journal report

This feature prints a journal report automatically after every 35 new fax communications.
After printing, only the oldest communication result will be erased when a new communication occurs.
When this feature is deactivated, the unit will store the records of the fax communications, but will not print the journal report automatically.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [¤], then [2] [2].

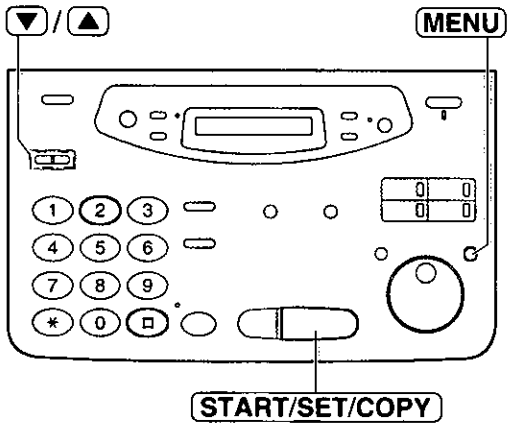
`AUTO JOURNAL`

3 Press (START/SET/COPY).

`MODE=ON ▼▲`

4 Press [▼] or [▲] to select the desired setting.

- If this feature is not required, select "OFF".



5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).

Sample of a journal report

JOURNAL

Jan. 25 1999 05:22PM

NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	*CODE
01	3332222	Jan. 21 02:14PM	00'45	SND	01	OK	
02	9998765	Jan. 21 03:17PM	00'58	IQ-FAX	02	OK	
03	John	Jan. 21 05:18PM	00'48	RCV	01	OK	
04	555556677	Jan. 22 10:35AM	02'45	SND	03	COMMUNICATION ERROR	(43)
				SND	05	OK	
				RCV	03	OK	

SND: Sent directly.
IQ-FAX: Sent to the fax server.
RCV: Received directly.

Communication message (p. 118)

Error code (for service personnel use only)

Note:

- You can also print a journal report manually (p. 134).
- If your fax is not transmitted to the other party's fax machine using the FaxSav network, the FaxSav network will send a Non-Delivery Notice to your unit.

Delayed transmission

(sending a fax at a specified time)

Using a built-in clock, this unit can send documents automatically at a specified time. This allows you to take advantage of low-cost calling hours offered by your telephone company. The delayed transmission can be set to take place up to 24 hours in advance.

1 Insert the document FACE DOWN until a single beep is heard and the unit grabs the document.

Display: `STANDARD`

2 Press (MENU).

`1.SYSTEM SET UP`

3 Press (#), then (2) (5).

`DELAYED SEND`

4 Press (START/SET/COPY).

`MODE=OFF ▼▲`

5 Press (▼) or (▲) to select "ON".

`MODE=ON ▼▲`

6 Press (START/SET/COPY).

`FAX=`

7 Enter the fax number using the dial keypad, One-Touch Dial or (JOG DIAL).

8 Press (START/SET/COPY).

`TIME=12:00AM`

9 Enter the transmission start time. Press (*) to select "AM" or "PM".

Example: 11:30PM

Press (1) (1) (3) (0), then press (*) until "PM" is displayed.

`TIME=11:30PM`

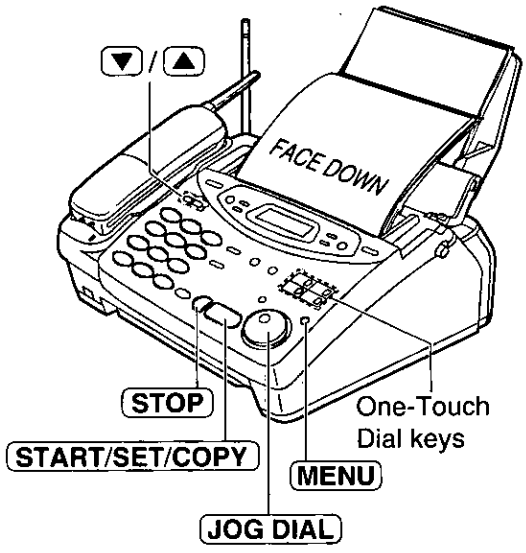
10 Press (START/SET/COPY).

`SETUP ITEM [ ]`

11 Press (MENU).

`SEND AT 11:30PM`

- At the programmed time, the unit will automatically start transmission.



Note:

- You can receive, transmit and copy documents while delayed transmission is set.

To cancel the delayed transmission setting

1. Press (STOP) while the unit is idle.

Display: `SEND CANCELED?` ↕ `YES: PRESS SET`

2. Press (START/SET/COPY).

From memory

The unit is able to scan and store documents into memory, and then transmit the stored document.
The memory capacity is approx. 25 pages based on the CCITT No. 1 Test Chart in standard resolution.
For the CCITT No. 1 Test Chart, see page 141.

Transmitting documents from memory

1 Insert the document FACE DOWN.

2 Enter the fax number using the dial keypad.

3 Press (QUICK SCAN).

- The document will be fed into the unit and scanned into memory.
  After storing all of the pages, the unit will transmit the document.
- The amount of memory used will be shown as a percentage on the display.

Display: PAGES=01 05

Amount of memory used (%)

Note:

- The stored document will be automatically erased after transmission.
- To cancel the memory transmission, press (STOP) while or after scanning the document.
- If you select the fine, super fine or half tone resolution, the number of documents that can be sent will decrease.
- If the stored pages exceed the memory capacity, the transmission will be canceled.
- If the other party's fax number is written on the document, you can enter the number by referring to the document before inserting it.

Multiple stations

This feature is useful for sending the same document to selected parties whose fax numbers are stored in the One-Touch Dial or JOG DIAL directory. You must program the desired parties into one of the BROADCAST keys (One-Touch Dial keys 1, 2 or 3).

Important:

- Before programming, make sure that the desired fax numbers have been stored into the One-Touch Dial or JOG DIAL directory.
- The BROADCAST keys can be used as One-Touch Dial keys 1, 2 or 3 or as broadcast keys. These functions cannot be used at the same time.

Programming the BROADCAST keys with telephone numbers

1 Press [DIRECTORY PROGRAM].

Display:

```
PRESS STATION
↕
OR USE JOG-DIAL
```

2 Press one of the [BROADCAST] keys.

```
DIAL MODE          ▼▲
```

3 Press [▼] or [▲] to select "BROADCAST".

Example:

```
BROADCAST 1        ▼▲
```

4 Press [START/SET/COPY].

```
DIR=               [000]
```

5 Enter the station.

a: Using the One-Touch Dial:

For stations 1–3 which are not used as [BROADCAST] keys, press the preset One-Touch Dial key.

For stations 4–6, press [LOWER], then press the preset One-Touch Dial key.

Example:

```
DIR=Margy          [001]
```

b: Using the JOG DIAL directory:

Rotate [JOG DIAL] until the desired name is displayed.

Example:

```
Glen               [001]
```

Press [START/SET/COPY].

Example:

```
DIR=Glen           [002]
```

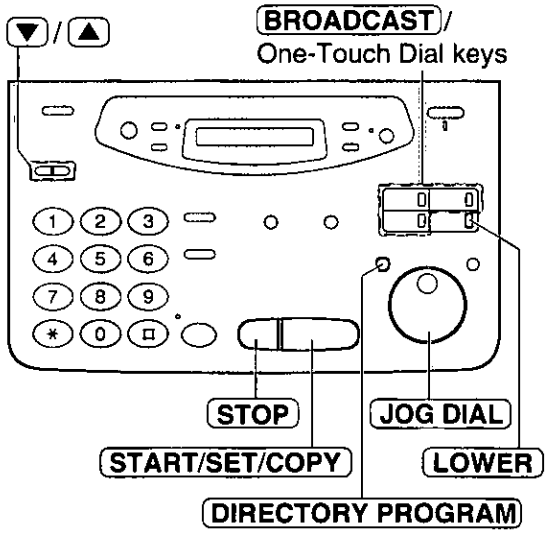
- To enter other stations, repeat this step (up to 20 stations).

6 Press [START/SET/COPY] after entering all of the desired stations.

```
REGISTERED
↓
PRESS STATION
↕
OR USE JOG-DIAL
```

- To program another BROADCAST key, repeat steps 2 to 6.

7 Press [DIRECTORY PROGRAM] to exit the program.



Note:

- If you make a mistake while programming, press [STOP], and make the correction.
- Confirm the stored numbers by printing a broadcast list (p. 134).

Adding a new name and number

1 Rotate [JOG DIAL] until the desired BROADCAST key is displayed.

Example: `<BROADCAST1>`

2 Press [DIRECTORY PROGRAM].

`ADD=* DELETE=#`

3 Press [*] to select "ADD".

Example: `Cathy`

4 Rotate [JOG DIAL] until the desired name is displayed.

Example: `Rick`

5 Press [START/SET/COPY].

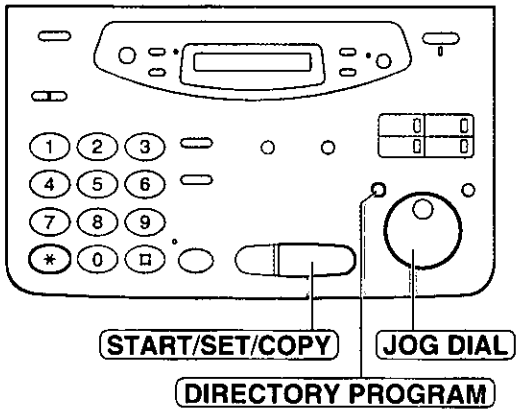
`REGISTERED`

↓

Example: `Sara`

- To add other stations, repeat steps 4 and 5 (up to 20 stations).

6 Press [DIRECTORY PROGRAM] to exit the program.



Erasing a stored name and number

1 Rotate [JOG DIAL] until the desired BROADCAST key is displayed.

Example: `<BROADCAST1>`

2 Press [DIRECTORY PROGRAM].

`ADD=* DELETE=#`

3 Press [#] to select "DELETE".

- The first name will be shown.

Example: `Bob`

4 Rotate [JOG DIAL] until the desired name is displayed.

Example: `Dick`

- If you do not want to erase the item, press [STOP].

5 Press [START/SET/COPY].

`DELETE OK?`

↕

`YES: PRESS SET`

6 Press [START/SET/COPY].

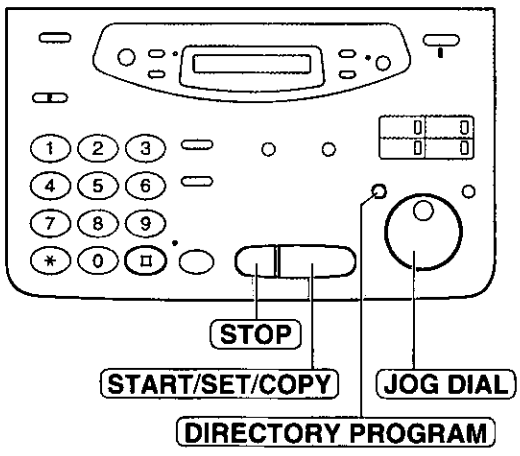
`DELETED`

↓

Example: `Bob`

- To delete other stations, repeat steps 4 to 6.

7 Press [DIRECTORY PROGRAM] to exit the program.



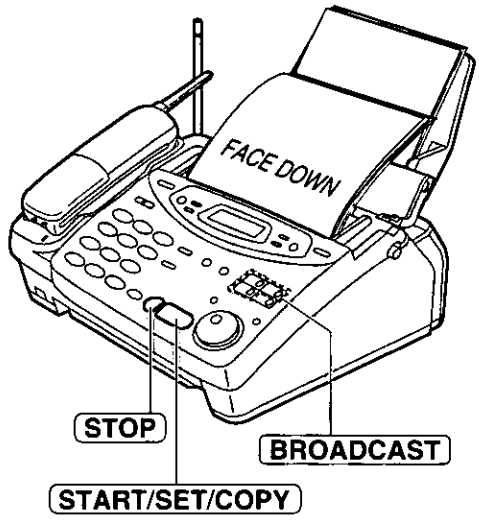
Using the BROADCAST keys

The document will be scanned and stored into memory when using the BROADCAST keys. After transmission, the stored document will be erased automatically.
The memory capacity is approx. 25 pages based on the CCITT No. 1 Test Chart in standard resolution.
For the CCITT No. 1 Test Chart, see page 141.

1 Insert the document FACE DOWN.

2 Press the desired (BROADCAST) key.

- The document will be fed into the unit and scanned into memory. The unit will then transmit the data to each station, calling each number sequentially.



Note:

- If you select the fine, super fine or half tone resolution, the number of pages that the unit can transmit will decrease.
- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialed up to 5 times after all of the other stations have been called.

To cancel the broadcast setting

1. Press (STOP) while the unit displays "BROADCASTING".

Display:

```
SEND CANCELED?
      ↕
YES: PRESS SET
```

2. Press (START/SET/COPY).

Broadcast report

After all of the transmissions have been completed, the unit will automatically print the following report.

Sample of a broadcast report:

BROADCAST REPORT 1

Jan. 10 1999 03:36PM

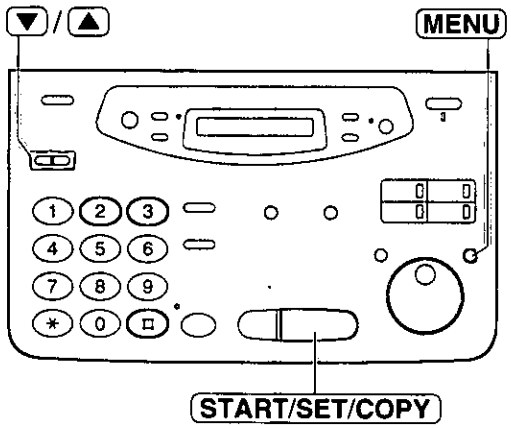
NO.	OTHER FACSIMILE	START TIME	USAGE TIME	PAGES (IQ-FAX)		RESULT
01	Mike	Jan. 10 03:31PM	01'10	02	*	OK
02	Peter	Jan. 10 03:33PM	01'08	02	*	OK
03	Sam	Jan. 10 03:34PM	01'09	02	*	OK
04	Kim	Jan. 10 03:35PM	01'10	02	*	OK
		TOTAL	004'37	008	(008)	

Total number of pages sent to the fax server.

This mark shows the fax has been sent to the fax server.

Overseas mode

You may experience difficulty when transmitting documents overseas. This feature makes sending documents easier as the transmission speed is slowed down. Before starting transmission, follow the steps below.



1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press #, then 2 3.

`OVERSEAS MODE`

3 Press START/SET/COPY.

`MODE=OFF ▼▲`

4 Press ▼ or ▲ to select "ON".

`MODE=ON ▼▲`

- If this feature is not required, select "OFF".

5 Press START/SET/COPY.

`SETUP ITEM [ ]`

6 Press MENU.

Note:

- After transmission, this feature will turn off automatically.
- A slower transmission speed will lengthen the call duration. Therefore the calling charge may be higher.
- This feature is not available for transmission using the BROADCAST keys.

Connecting tone

This feature allows you to hear connecting tones, such as a fax tone, ring back tone or busy tone for several seconds when you send a fax using the One-Touch Dial or JOG DIAL directory. This will tell you the status of the other party's machine.

— Fax tone: The other party's machine is ready for reception.
— Ring back tone: If this tone continues, the other party's machine may not be a facsimile or may have run out of paper. Check with the other party.
— Busy tone: The other party's machine is busy. Let the unit continue redialing or press (STOP) and try again later.

This feature is set to "ON" as a pre-selected setting. If this feature is not required, you may turn it off.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (7) (6).

`CONNECTING TONE`

3 Press (START/SET/COPY).

`MODE=ON ▼▲`

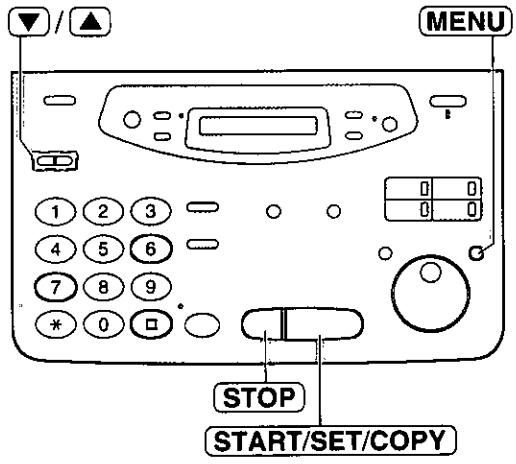
4 Press (▼) or (▲) to select the desired setting.

- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Note:

- The connecting tone volume cannot be adjusted.

Setting the unit to receive calls

	Option A	Option B
How you want the unit to receive calls	To receive all voice and fax calls automatically. Voice/Fax call	You have a separate telephone line just for fax calls. Fax call
You have to set this.	**TAD/FAX mode** (Telephone Answering Device/ Facsimile mode) (p. 96) **PRE-SELECTED SETTING**	**FAX ONLY mode** (p. 79)
	The AUTO ANSWER light should be ON. • If the AUTO ANSWER light is off, press AUTO ANSWER to turn it on.	
This is how the unit will operate.	**When receiving voice calls:** The unit will activate the answering device and record voice messages. **When receiving fax calls:** The unit will activate the fax function to receive documents.	All incoming calls will be answered as faxes, and the unit will try to receive a fax.

Option C

To answer all voice and fax calls yourself.

Voice/Fax call

↓

TEL mode
(p. 78)

↓

The AUTO ANSWER light should be OFF.

- If the AUTO ANSWER light is on, press (AUTO ANSWER) to turn it off.

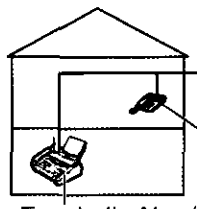
↓

When the unit rings, you must answer all calls.

- If you hear a fax calling tone (slow beep) or no sound is heard, press (START/SET/COPY).

Option D

You have a Distinctive Ring service from the telephone company (this allows you to have up to 3 telephone numbers on the same line).



↓

To activate the Distinctive Ring mode, select the same ring pattern assigned to the facsimile number in feature #31 (p. 82, 83).

A: Standard ring (one long ring)
B: Double ring (two short rings)
C: Triple ring (short-long-short rings)
D: Other triple ring (short-short-long rings)

↓

The unit will automatically answer calls received at your facsimile number. If a call is received at the other telephone number, the unit will operate based on the set receive mode.

Other options

Voice mail
If you have a voice mail service from your telephone company, you also need to subscribe to a Distinctive Ring service (p. 82, 83).

With PC
If you have a computer attached to the same telephone line, see page 81.

TEL/FAX mode
If you are near the unit and want to use it to receive your voice calls yourself and fax calls automatically, see pages 84 to 87.

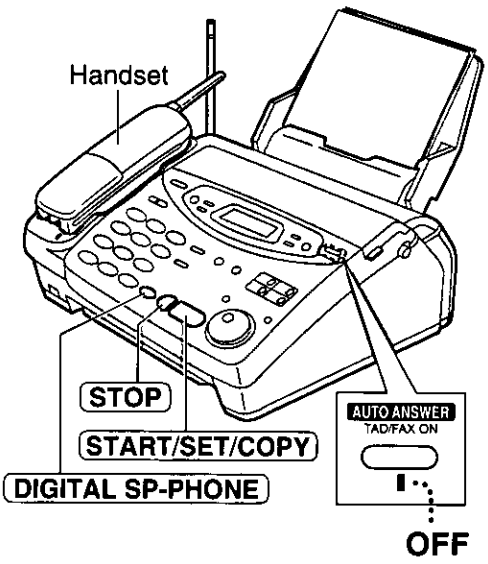
Remote activation
If you answer a call with the extension telephone and hear the fax tone, you can activate the unit remotely by pressing ✱9 (p. 88).

TEL mode

(answering all calls manually)

If the AUTO ANSWER light is on, turn it off by pressing (AUTO ANSWER).

Display: TEL MODE



Receiving a fax with the main unit

1 When the unit rings, press (DIGITAL SP-PHONE) or lift the handset to answer the call.

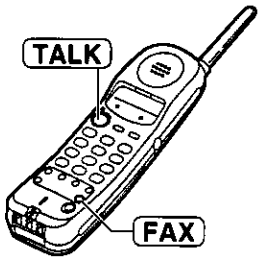
2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,

press (START/SET/COPY).

CONNECTING.....

3 Replace the handset, if using it.
- The unit will start reception.

Receiving a fax with the handset



1 When the handset rings, press (TALK).

2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,

press (FAX) **until a single beep is heard.**
- The only way to stop receiving the fax is by pressing (STOP) on the main unit.

Note:
- If you do not answer the call within 15 rings, the unit will temporarily activate the answering device. The greeting message will then be played. If the remote operation ID (p. 108) is entered during the greeting message, the unit will change to the TAD/FAX mode.

To stop receiving the document

Press (STOP).

Friendly reception feature

When you answer a call and hear a fax calling tone (slow beep), the unit will automatically start receiving.
- If this feature is not required, set to "OFF" (p. 91).

Memory reception

When a printing problem is detected, the unit will temporarily store the received document into memory. While the document is in memory, the unit will:
— display an error message and the following message alternately.

Display: FAX IN MEMORY

— alert you with slow beeps (memory reception alert).
- Follow the instructions on pages 119 and 120 to solve the problem and print the stored document.
- For memory capacity, see page 141.

FAX ONLY mode

(all calls are received as faxes)

Changing the AUTO ANSWER setting to the FAX ONLY mode

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [7] [7].

`AUTO ANSWER`

3 Press (START/SET/COPY).

`MODE=TAD/FAX ▼▲`

4 Press (▼) or (▲) to select "FAX ONLY".

`MODE=FAX ONLY ▼▲`

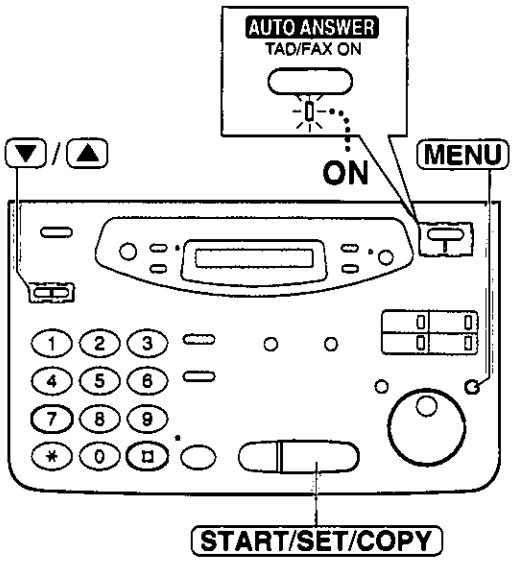
5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).

7 If the AUTO ANSWER light is off, turn it on by pressing (AUTO ANSWER).

`FAX ONLY MODE`



Note:

- This mode should not be used with a telephone line which is used for both voice and fax calls. When the unit answers the call, fax communication is attempted even if someone is trying to call you.
- The number of rings before a call is answered can be changed (p. 80).
- To change to the TAD/FAX or TEL/FAX mode, select "TAD/FAX" or "TEL/FAX" in step 4.

FAX ONLY mode ring count

This setting determines the number of rings before the unit answers a call in the FAX ONLY mode.
You can choose from 1 to 4 rings.

Helpful hints:

- To answer a call before the unit does, increase the number of rings.
- If you have difficulty receiving faxes, the other parties may have tried to send faxes before confirming if your unit answered or not. Decrease the number of rings.

1 Select "FAX ONLY" in step 4 of feature setting #77 (p. 79).

2 Press (MENU).

Display: `1.SYSTEM SET UP`

3 Press (#), then (0) (6).

`FAX RING COUNT`

4 Press (START/SET/COPY).

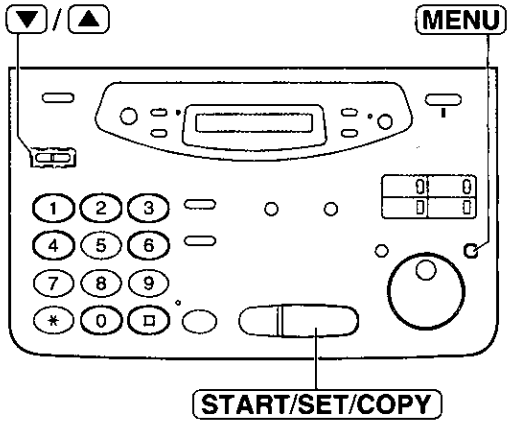
`RING=2 ▼▲`

5 Press (▼) or (▲) to select the desired number, or enter the number using the dial keypad.

6 Press (START/SET/COPY).

`SETUP ITEM [ ]`

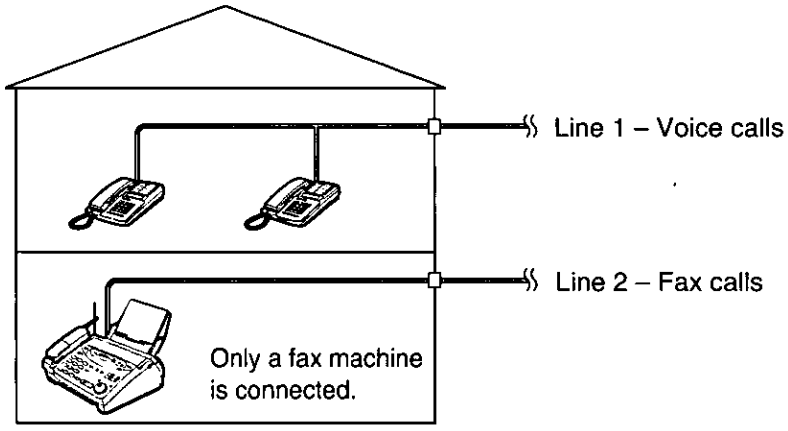
7 Press (MENU).



Note:

- If you subscribe to a Caller ID service, set this ring count setting to 2 or more rings.

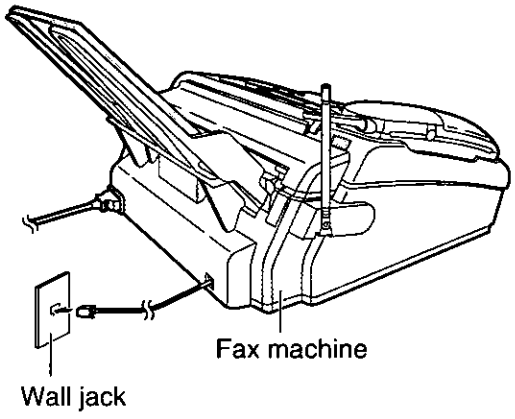
If you have a telephone line just for receiving faxes, we recommend the following setup.

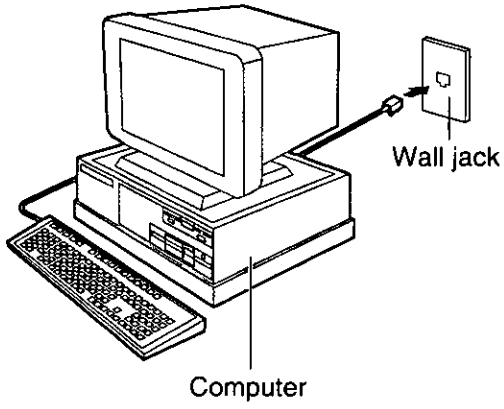


Example: One telephone line is used for voice calls and a separate telephone line for faxes. If someone sends a fax to Line 2, the fax machine will ring.

Using the unit and a computer on the same line

We recommend you use separate wall jacks for the unit and the computer.





Note:

- Set the TEL mode on the fax machine.
- The device which has the shortest ring count will answer a call first. Confirm the ring count for each device.

Distinctive Ring service
(ring pattern detection feature)

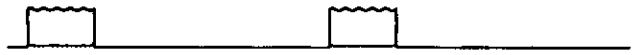
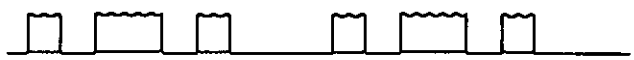
This feature can only be used if you subscribe to a Distinctive Ring service from your telephone company. For more information on the availability of this service, contact your telephone company.

This feature will work regardless of the AUTO ANSWER or receive mode settings.

What is a Distinctive Ring service?

A Distinctive Ring service will give you up to 3 telephone numbers on a single telephone line, each having a different ring pattern.

Ring patterns:

Standard ring (one long ring)	
Double ring (two short rings)	
Triple ring (short-long-short rings)	
Other triple ring (short-short-long rings)	

If you subscribe to a Distinctive Ring service, you can assign telephone numbers for personal numbers, business numbers, fax numbers, and so on.
When a call is received, you will know which number is being called by the ring pattern.

Example:

Your telephone number	Ring pattern	Use
012 1234	Standard ring	Personal
012 5678	Double ring	Business
012 9876	Triple ring	Facsimile

Using one of the telephone numbers as a facsimile number

Program the ring pattern assigned to the facsimile number (see next page).
When the unit detects a call matching the selected Distinctive Ring pattern, it will activate the fax function.

Setting the Distinctive Ring pattern assigned for faxes

Select the ring pattern of the facsimile number that is assigned by your telephone company.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (3) (1).

`RING DETECTION`

3 Press (START/SET/COPY).

`MODE=OFF ▼▲`

4 Press (▼) or (▲) to select the ring pattern to be assigned to the facsimile number.

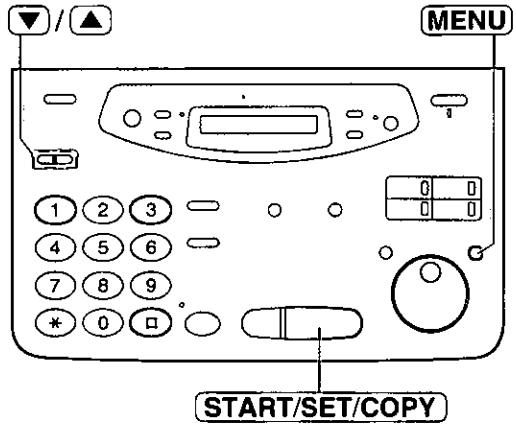
A: Standard ring (one long ring)
B: Double ring (two short rings)
C: Triple ring (short-long-short rings)
D: Other triple ring (short-short-long rings)
OFF: Turns off the feature (pre-selected setting).

5 Press (START/SET/COPY).

- When the setting is changed from OFF to either A, B, C or D, the unit will print an information list.

`PRINTING`
↓
`SETUP ITEM [ ]`

6 Press (MENU).



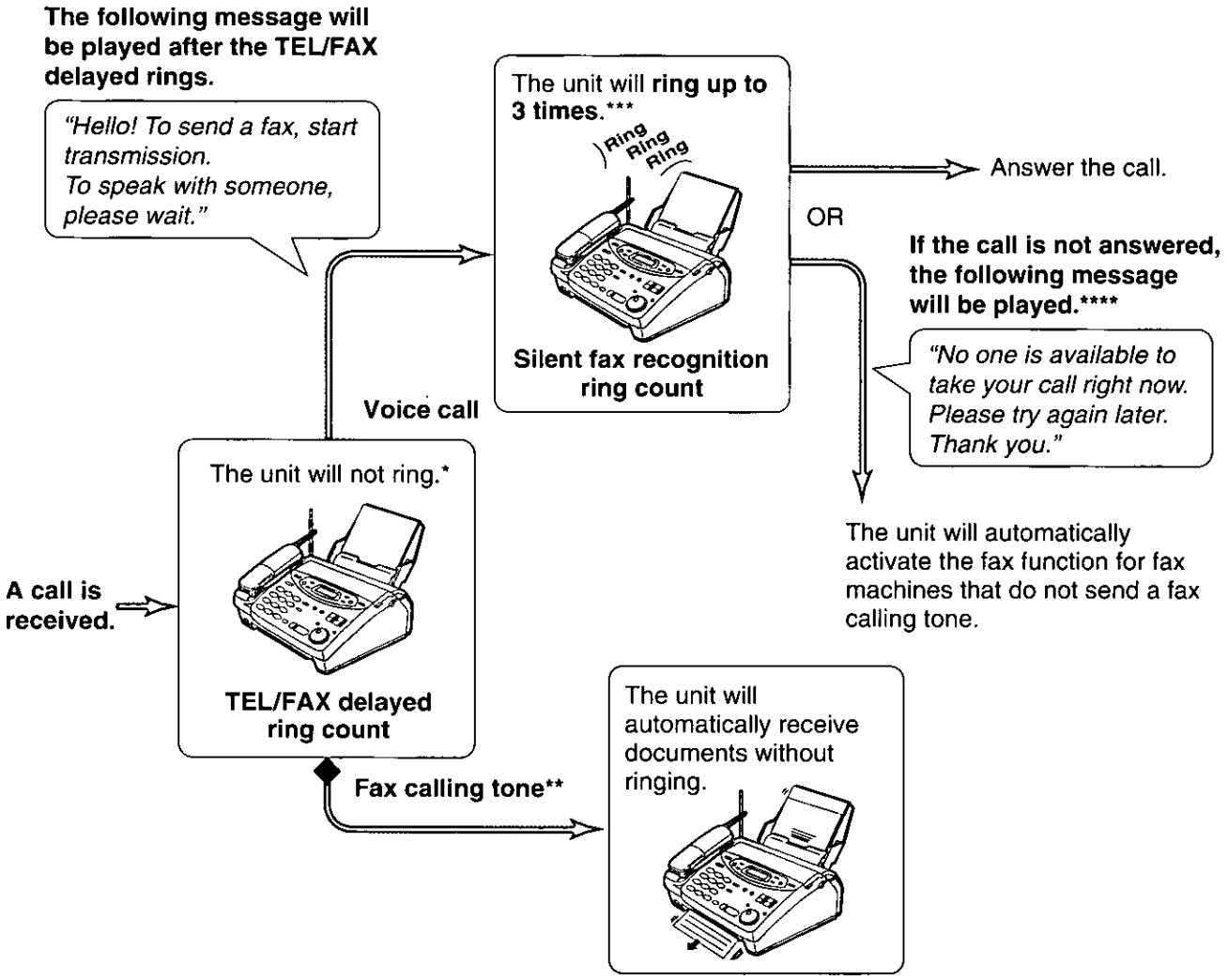
Note:

- The unit will automatically answer a Distinctive Ring call after the second ring regardless of the AUTO ANSWER, receive mode or ring count setting.
- If you have only 1 Distinctive Ring number, the most likely setting will be "B".

TEL/FAX mode

(receiving voice calls with rings and fax calls without rings when you are near the unit)

Use this mode when you are always near the unit and want the fax machine to detect faxes without ringing. When a call is received, the unit will work as follows. If you have an extension telephone connected, see next page.


The following message will be played after the TEL/FAX delayed rings.
"Hello! To send a fax, start transmission. To speak with someone, please wait."
The unit will ring up to 3 times.***
Ring Ring Ring
Silent fax recognition ring count
Answer the call.
OR
If the call is not answered, the following message will be played.****
"No one is available to take your call right now. Please try again later. Thank you."
The unit will automatically activate the fax function for fax machines that do not send a fax calling tone.
Voice call
The unit will not ring.*
A call is received.
TEL/FAX delayed ring count
Fax calling tone**
The unit will automatically receive documents without ringing.

* A telephone fee will be charged to the caller from this point.
** A fax calling tone is automatically generated by the sending fax machine. Some fax machines do not have this capability.
*** While ringing, the unit will emit a different ring back tone to the calling party.
**** You can record your own greeting message (p. 98).

Note:

- The unit will display the following when a call is received.

  Display: `INCOMING CALL`

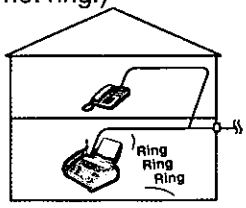
- The ringer should be on (p. 34).

Ring pattern when an extension telephone is connected

The following message will be played after the TEL/FAX delayed rings.

"Hello! To send a fax, start transmission. To speak with someone, please wait."

The unit will **ring up to 3 times.*****
(The extension telephone will not ring.)



Silent fax recognition ring count

Answer the call.

OR

If the call is not answered, the following message will be played.****

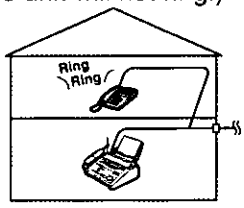
"No one is available to take your call right right now. Please try again later. Thank you."

The unit will automatically activate the fax function for fax machines that do not send a fax calling tone.

Voice call

A call is received.

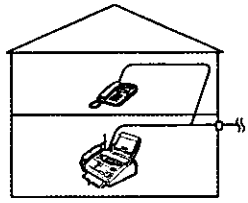
The extension telephone will **ring twice.***
(The unit will not ring.)



TEL/FAX delayed ring count

Fax calling tone**

The unit will automatically receive documents without ringing.



TEL/FAX delayed ring count:
Up to 4 ring signals will be generated before the unit answers, depending on feature setting #78 on page 87. In the TEL/FAX mode, the unit will not generate an audible ring during this time.

Silent fax recognition ring count:
The unit generates audible rings to indicate that it is receiving a voice call. 3 to 6 rings will be generated, depending on feature setting #30 on page 87. This signal will not ring at an extension telephone.

Changing the AUTO ANSWER setting to the TEL/FAX mode

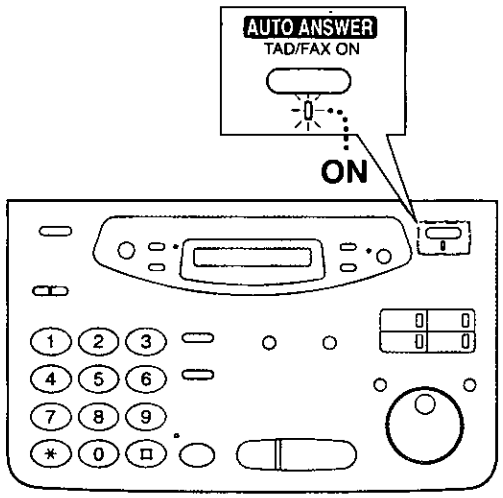
1 Select "TEL/FAX" in step 4 of feature setting #77 (p. 79).

- The unit will print an information list.

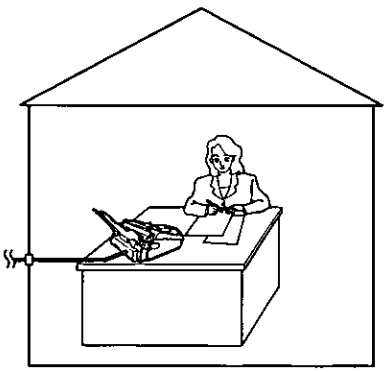
2 If the AUTO ANSWER light is off, turn it on by pressing **AUTO ANSWER**.

Display: `TEL/FAX MODE`

- The unit will play the TEL/FAX greeting message.



We recommend the following setup.



Only a fax machine is connected and you are always near the fax machine.

TEL/FAX delayed ring count

This setting determines the number of times the extension telephone rings in the TEL/FAX mode. You can choose from 1 to 4 rings.
This setting does not need to be changed if an extension telephone is not connected.

1 Press (MENU).
Display: `1.SYSTEM SET UP`

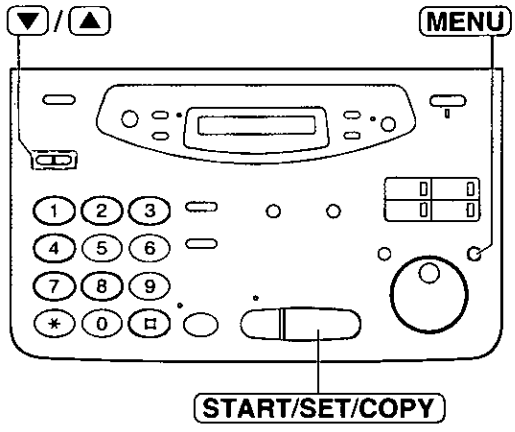
2 Press [#], then [7] [8].
`TEL/FAX RING`

3 Press (START/SET/COPY).
`RING=2 ▼▲`

4 Press (▼) or (▲) to select the desired number, or enter the number using the dial keypad.

5 Press (START/SET/COPY).
`SETUP ITEM [ ]`

6 Press (MENU).



Note:
- If the number of rings is increased, you may not be able to receive documents from some older model fax machines which do not send a fax calling tone.
- If you subscribe to a Caller ID service, set this ring count setting to 2 or more rings.

Silent fax recognition ring count

When the unit detects a voice call in the TEL/FAX mode, it will ring up to 3 times. The number of rings can be changed up to 6.

1 Press (MENU).
Display: `1.SYSTEM SET UP`

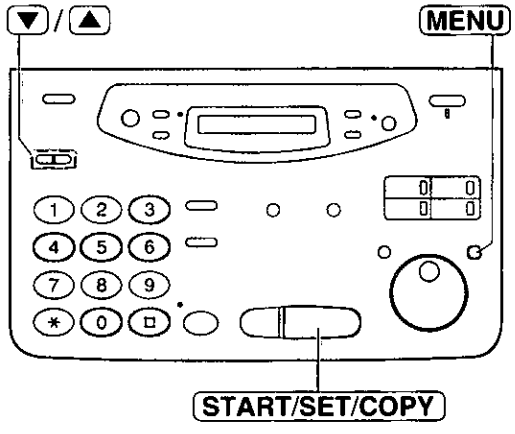
2 Press [#], then [3] [0].
`SILENT FAX RING`

3 Press (START/SET/COPY).
`RING=3 ▼▲`

4 Press (▼) or (▲) to select the desired number, or enter the number using the dial keypad.

5 Press (START/SET/COPY).
`SETUP ITEM [ ]`

6 Press (MENU).



Note:
- If the number of rings is increased, you may not be able to receive documents from some older model fax machines which do not send a fax calling tone.

Extension telephone

If you connect an extension telephone to the same line, you can receive fax documents using the extension telephone. You do not have to press START/SET/COPY on the unit.

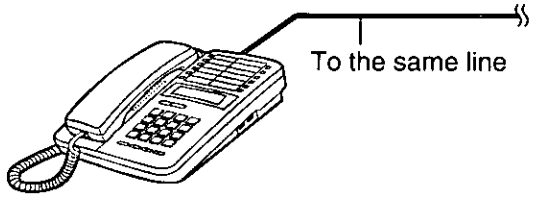
Important:

- Use a touch tone telephone as the extension telephone and enter the fax activation code **firmly**.

1 When the extension telephone rings, lift the handset of the extension telephone.

2 When:
— document reception is required,
— a fax calling tone (slow beep) is heard, or
— no sound is heard,
press ✱ 9 (pre-selected fax activation code) **firmly**.

3 Hang up the handset.
- The main unit will start reception.



Extension telephone

Note:

- You can change the fax activation code (see below).

Fax activation code

The fax activation code is required to receive faxes using an extension telephone (see above).

Important:

- This code should be different from the remote operation ID (p. 108).

1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press ⌗, then 4 1.

`FAX ACTIVATION`

3 Press START/SET/COPY.

`MODE=ON ▼▲`

4 Press ▼ or ▲ to select "ON".
- If this feature is not required, select "OFF".

5 Press START/SET/COPY.

`CODE= ✱ 9`

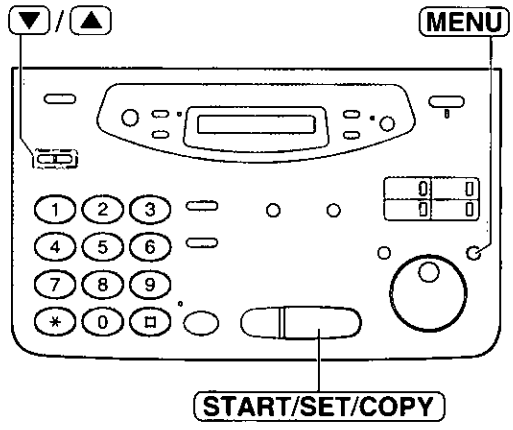
- The display will show the pre-selected code.

6 Enter the new code.
- This code can be from 2 to 4 digits in length using 0 – 9, and ✱.

7 Press START/SET/COPY.

`SETUP ITEM [ ]`

8 Press MENU.



Note:

- If you subscribe to any special telephone company services which require a code, all or part of the fax activation code must be different from the service access code.
- The fax activation code should not be set to "0000".

Other size documents

When the size of the document sent by the other party is as large as, or larger than the recording paper, the unit can reduce each page of the document and print it out on the recording paper by programming a suitable reduction rate.
The reduction rate is determined by a combination of the size of the recording paper and the received document.

Recommended reduction rates:

Mode	Size of recording paper	Size of original document
100%	Legal	Letter, A4
92% (pre-selected)	Letter	Letter
	Legal	Legal
86%	Letter	A4
72%	Letter	Legal

Letter = 216 mm x 279 mm (8½" x 11")
Legal = 216 mm x 356 mm (8½" x 14")
A4 = 210 mm x 297 mm (May not be available in the United States.)

1 Press (MENU).

Display: `1.SYSTEM SET UP`

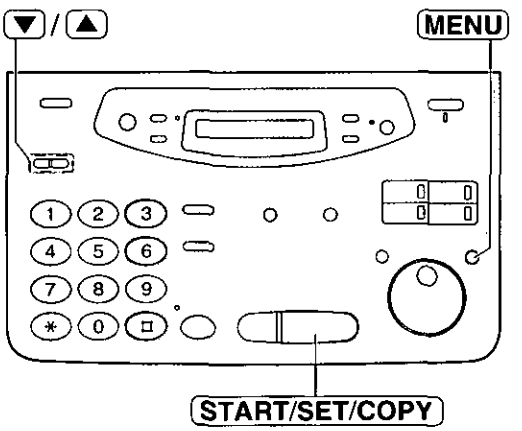
2 Press [¤], then [3] [6].

`RCV REDUCTION`

3 Press (START/SET/COPY).

`MODE=92%` ▼▲

4 Press (▼) or (▲) to select the desired setting.
- If this feature is not required, press (▲) to select "100%".



5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).

Note:
- Documents usually have a heading on the top of each page which contains the sender's name/telephone number. This increases the length of each page. Using the reduction mode is recommended.
- If the appropriate reduction rate is not programmed, the document will be divided.

Memory reception alert

When the received document is stored into memory due to a problem, the unit will alert you with beep tones. If you hear slow beeps, clear the printing problem or supply paper to print the stored document. The beep tones will stop.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (4) (4).

`RECEIVE ALERT`

3 Press (START/SET/COPY).

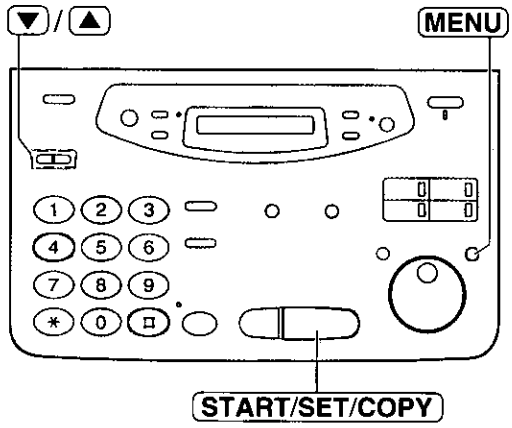
`MODE=ON ▼▲`

4 Press (▼) or (▲) to select the desired setting.
- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Friendly reception

The friendly reception feature allows you to receive fax documents automatically without pressing (START/SET/COPY) (p. 78).
When this feature is deactivated, you have to press (START/SET/COPY) to receive a fax document each time you answer a fax call.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (4) (6).

`FRIENDLY RCV`

3 Press (START/SET/COPY).

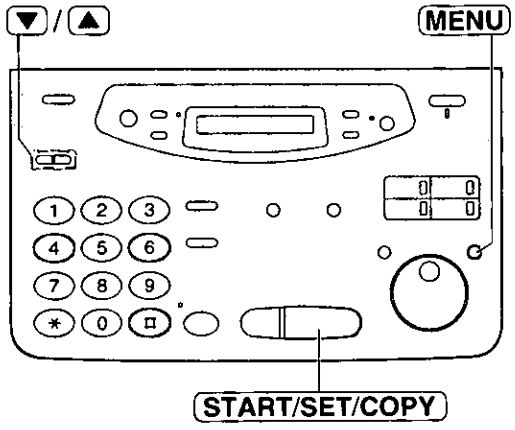
`MODE=ON ▼▲`

4 Press (▼) or (▲) to select the desired setting.
- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Pager call

This feature allows your unit to call your pager when your unit receives a fax document and/or incoming voice message.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (7) (0).

`PAGER CALL`

3 Press (START/SET/COPY).

`MODE=OFF ▼▲`

4 Press (▼) or (▲) to select "ON".

`MODE=ON ▼▲`

- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`NO.=`

6 Enter your pager number.

- You can enter a total of 46 digits and/or pauses.

Example:

1 202 555 1234PPP12345678PPP

Your pager number — Pauses — Your pager access code, if required.

7 Press (START/SET/COPY).

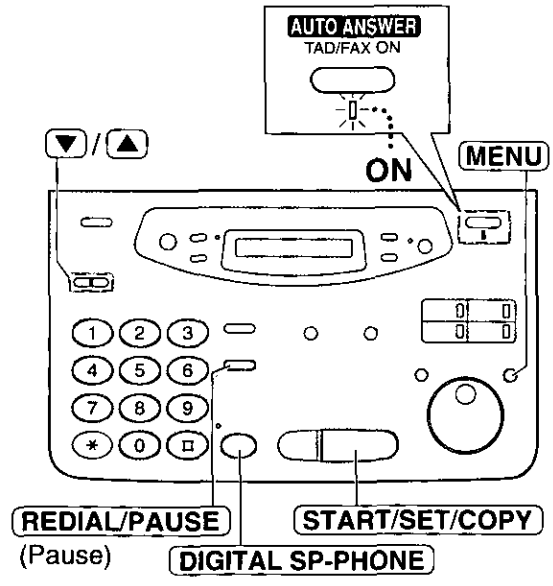
- The unit will dial the stored pager number.

`PAGER TEST`

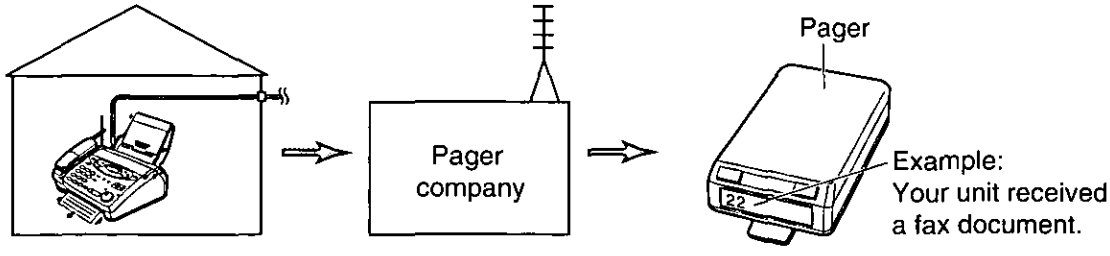
8 Check that your pager receives a pager test call.

9 Press (DIGITAL SP-PHONE).

10 If the AUTO ANSWER light is off, turn it on by pressing (AUTO ANSWER).



How your unit and pager work



When your unit receives a fax document and/or incoming voice message, it will call your pager company.

Your pager company will call your pager.

A few minutes later, your pager will beep and display as follows:

— "**11**" : when your unit receives a voice message.

— "**22**" : when your unit receives a fax document.

- If you have subscribed to a Caller ID service and the Caller ID information (telephone number) is received, your pager will display the telephone number before the number "11" or "22".

Film detection

If this feature is activated, the display will show the following message when the remaining film will only print about 15 letter size documents.

Display: `FILM NEAR EMPTY`

- If you are using regular film cartridge with 100 m (328') roll (p. 18) when the above message is displayed, the unit will also print a report.

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press ⌗, then 7 9.

`FILM DETECTION`

3 Press **START/SET/COPY**.

`MODE=ON ▼▲`

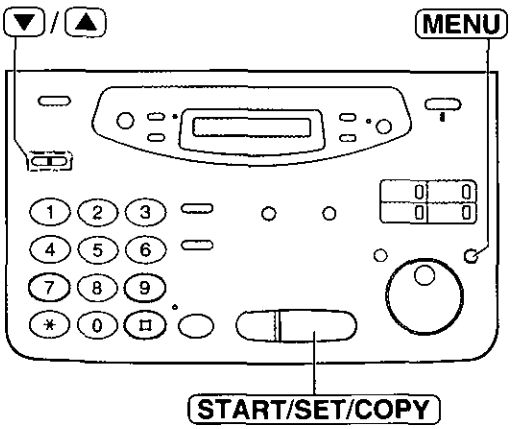
4 Press ▼ or ▲ to select the desired setting.

- If this feature is not required, select "OFF".

5 Press **START/SET/COPY**.

`SETUP ITEM [ ]`

6 Press **MENU**.



Making a copy

The unit can make single or multiple copies (up to 99). Any transmittable document (p. 66) can be copied.

1 Open the document feeder tray.

2 Adjust the width of the document guides to the size of the document.

3 Insert the document (up to 15 pages) FACE DOWN until a single beep is heard and the unit grabs the document.

Display: STANDARD

4 If necessary, press RESOLUTION repeatedly to select the desired setting (p. 59).

5 Press START/SET/COPY.

NUMBER=1 [100%]

6 Enter the number of copies (up to 99).

7 If necessary, choose an enlargement/reduction rate by rotating JOG DIAL. See next page.

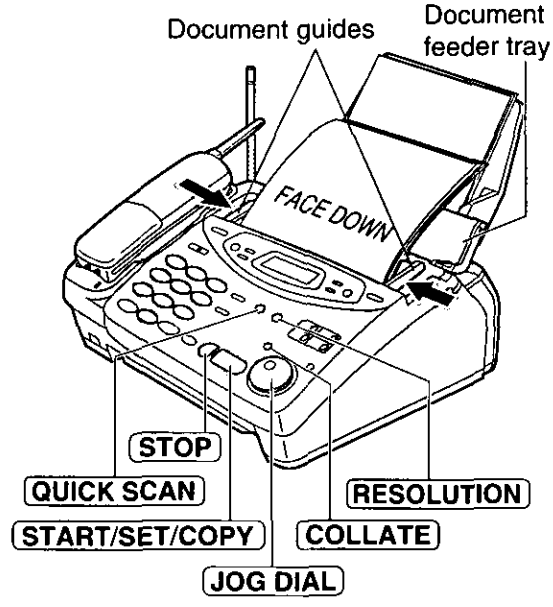
8 If you want to print collated copies, press COLLATE until the following is displayed (see below).

COLLATE=ON

9 Press START/SET/COPY.
- The unit will start printing.

OR

Press QUICK SCAN if you want to remove the copy document for other uses.
- The unit will feed the document and scan it into memory, then start printing.



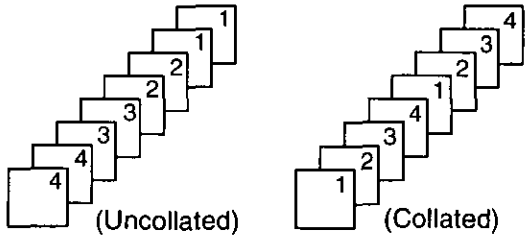
Note:
- After step 5, if you do not make any operations within 15 seconds of each other, the unit will start copying automatically.
- If a resolution is not selected, FINE resolution will be selected automatically.
- You can make or receive a voice call while making copies.
- After copying, the enlargement/reduction rate setting will return to "100%".

To stop copying

Press STOP.

Printing collated copies

The unit can print either uncollated or collated copies. See the example below.
Example: Making two copies of a 4 page original document



Note:
- If you turn the collating feature on, the unit will store the document into memory and print it. If memory becomes full while storing, the unit will only print out the stored pages.
- After copying, the collating feature will turn off automatically.

Choosing an enlargement/reduction rate

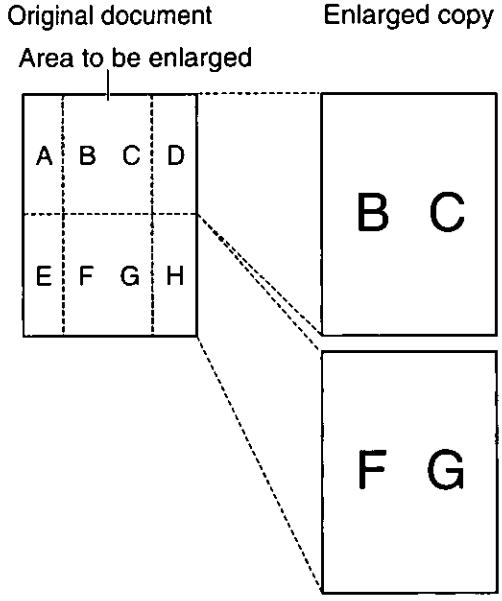
The unit can make enlarged or reduced copies of a document.

■ To enlarge a document:

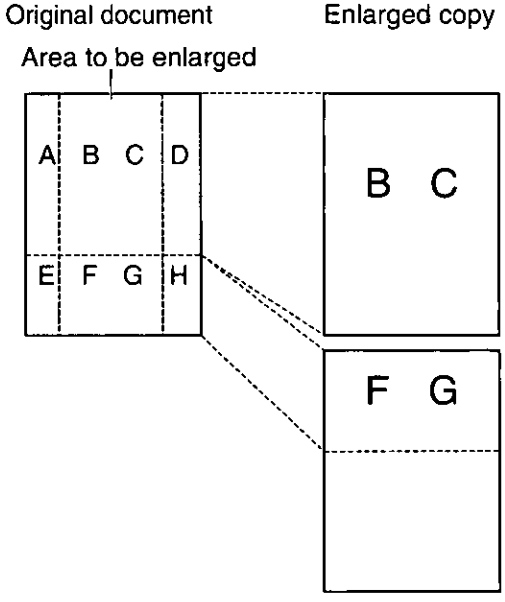
Select "200%" or "150%" by rotating JOG DIAL to the right. The unit will only enlarge the center part of the document and print it on two pages. See the examples below.

Sample of an enlarged copy:

● 200% example



● 150% example



■ To reduce a document:

When you copy a document that is longer than the recording paper, the unit can reduce the original document by programming a suitable reduction rate. The reduction rate is determined by the size of the recording paper and original document. Select from 92%, 86% and 72% by rotating JOG DIAL to the left.

Recommended reduction rates:

Mode	Size of recording paper	Size of original document
100% (pre-selected)	Letter	Letter
	Legal	Letter, A4, Legal
92%	Letter	A4
86%	Letter	A4
72%	Letter	Legal

Letter = 216 mm x 279 mm (8½" x 11")
Legal = 216 mm x 356 mm (8½" x 14")
A4 = 210 mm x 297 mm (May not be available in the United States.)

Note:

- If the appropriate reduction rate is not programmed, the document may be divided and the top of the second sheet will be deleted.

TAD/FAX mode

(using the built-in answering device and receiving voice and fax calls automatically)

When the TAD/FAX mode is set, the unit will work as a fax machine and/or answering device.
If a fax call is detected, the unit will automatically receive faxes.
If a voice call is detected, the answering device will play a greeting message and the caller can leave a voice message.

- You can use either the pre-recorded greeting message (p. 97) or your own greeting message (p. 98).

Setting up the voice message and document reception

1 Select "TAD/FAX" in step 4 of feature setting #77 (p. 79).

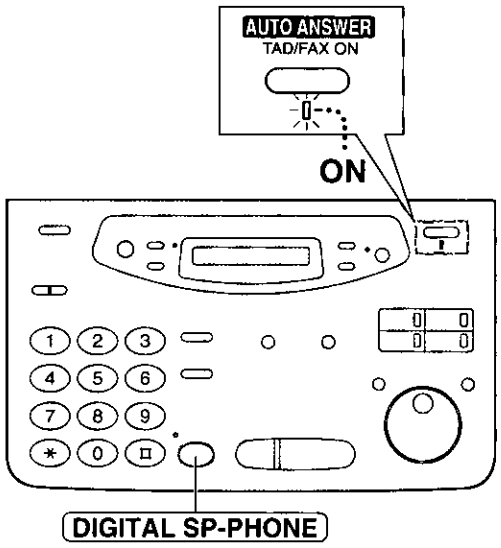
2 If the AUTO ANSWER light is off, turn it on by pressing **AUTO ANSWER**.

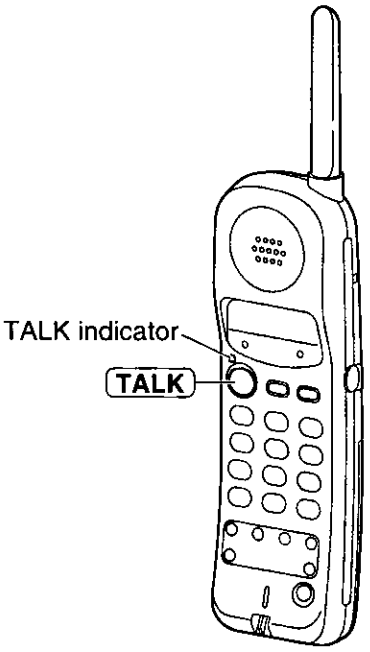
Display: `TAD/FAX MODE`

- The unit will play the TAD/FAX greeting message and the remaining time for recording incoming messages will be displayed.

Example: `TIME = 10m13s`

- When the handset is off the main unit and the main unit answers the call, the TALK indicator will flash.





Note:

- The incoming message recording time can be set (p. 116).
- For the total recording time, see "Memory Capacity" on page 141.
- When the remaining recording time is low, erase unnecessary messages from memory (p. 102, 110).
- While an incoming call is being recorded, you can monitor it through the speaker. If this feature is not required, set to "OFF" (p. 117).
- To answer the call while playing the greeting message or recording a voice message, press **DIGITAL SP-PHONE** or **TALK**. The answering device will be terminated and you can talk to the other party.

Pre-recorded greeting messages

The unit has pre-recorded greeting messages. Depending on the situation, one of the following messages will be played to the caller.

■ **When the unit is ready to receive voice and fax calls:**

Hello! We are unable to answer right now.
To send a fax, please start transmission.
To leave a voice message, please speak after the beep.
Thank you.

■ **When you record your own greeting message (p. 98):**

(Your own TAD/FAX greeting message)

Note:

- If you erase your own greeting message, the pre-recorded greeting message above will be played automatically.

■ **When the unit detects a problem:**

MESSAGE FULL

Hello! We are unable to answer right now.
To send a fax, please start transmission.
To leave a voice message, please try again later.
Thank you.

FAX MEMORY FULL

Hello! We are unable to answer right now.
To send a fax, please try again later.
To leave a voice message, please speak after the beep.
Thank you.

MESSAGE FULL
and
FAX MEMORY FULL

Hello! We are unable to answer right now.
Please try again later.
Thank you.

Note:

- To clear the problem, see pages 119 and 120.

Recording your own greeting messages

The recording time is limited to 16 seconds for the TEL/FAX greeting message. Record your message within 12 seconds for best performance.
You can choose either 16 seconds or 60 seconds of recording time for the TAD/FAX greeting message (p. 100).

Suggested messages

TAD/FAX greeting message	*"This is (your name, business and/or telephone number). We are unable to answer right now. To send a fax, start transmission. To leave a message, speak after the beep. Thank you."*
TEL/FAX greeting message	*"This is (your name, business and/or telephone number). We are unable to answer right now. Please try again later. Thank you."*

Note:
- If you do not record any messages, the pre-recorded messages will be played (p. 84, 85, 97).

1 Make sure that the AUTO ANSWER setting is set to the desired mode (TAD/FAX or TEL/FAX mode) where you want to record a greeting message (p. 79).

2 Press (RECORD) two times.
- The display will show one of the following according to your selection in step 1.

For the TAD/FAX greeting:

Display:
```
2.TAD GREETING
↕
PRESS START
```

For the TEL/FAX greeting:
```
2.T/F GREETING
↕
PRESS START
```

3 Press (START/SET/COPY).
- A long beep will sound.
- The display will show one of the following according to your selection in step 1.

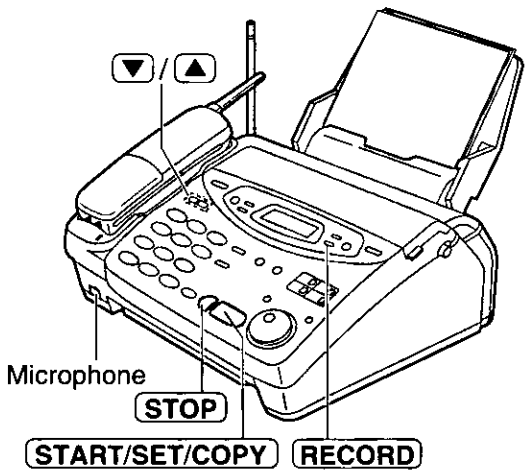
For the TAD/FAX greeting:
```
TAD   REC.   16s
```

For the TEL/FAX greeting:
```
T/F   REC.   16s
```

4 Speak clearly about 20 cm (8 inches) away from the microphone.
- The display will show the remaining recording time.

Example: TAD/FAX greeting
```
TAD   REC.   15s
```

5 When finished recording, press (STOP).
- The unit will repeat your message. You can adjust the volume using (▼) or (▲).



Note:
- If you make a mistake while recording, start again from step 2.

Checking your own recorded greeting messages

To check your TAD/FAX greeting message

1. Select "TAD/FAX" in step 4 of feature setting #77 (p. 79).

2. If the AUTO ANSWER light is off, turn it on by pressing **AUTO ANSWER**.
   If the AUTO ANSWER light is on, turn it off once then on again.

   Display: `TAD/FAX MODE`

   - The unit will play the TAD/FAX greeting message.

To check your TEL/FAX greeting message

1. Select "TEL/FAX" in step 4 of feature setting #77 (p. 79).

2. If the AUTO ANSWER light is off, turn it on by pressing **AUTO ANSWER**.
   If the AUTO ANSWER light is on, turn it off once then on again.

   Display: `TEL/FAX MODE`

   - The unit will play the TEL/FAX greeting message.

Erasing your own recorded greeting messages

1 Make sure that the AUTO ANSWER setting is set to the desired mode (TAD/FAX or TEL/FAX mode) where you want to erase the greeting message (p. 79).

2 Press **ERASE** two times.

- The display will show one of the following according to your selection in step 1.

For the TAD/FAX greeting:

Display:
`2.TAD GREETING`
↕
`PRESS START`

For the TEL/FAX greeting:

`2.T/F GREETING`
↕
`PRESS START`

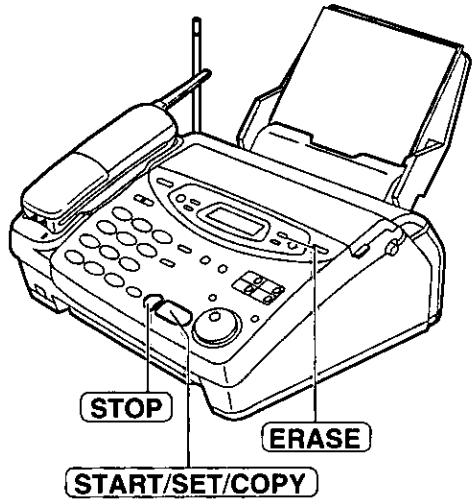
3 Press **START/SET/COPY**.

`ERASE GREETING?`
↕
`YES: PRESS SET`

- To stop erasing, press **STOP**.

4 Press **START/SET/COPY**.

`GREETING ERASED`

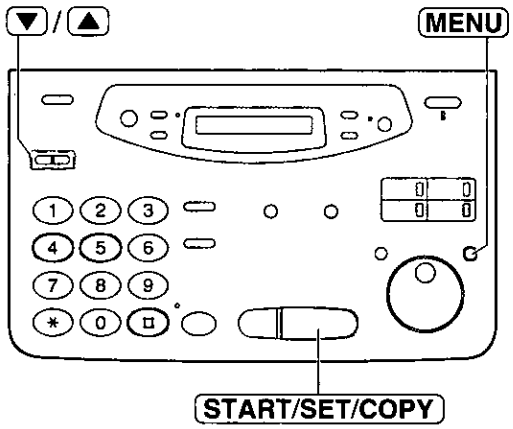


Note:

- If you erase your own recorded greeting messages, the pre-recorded greeting messages will be played (p. 97).

Recording time for the TAD/FAX greeting message

You can choose either 16 seconds or 60 seconds of recording time.



1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press #, then 5 4.

`GREETING TIME`

3 Press START/SET/COPY.

`MODE=16s ▼▲`

4 Press ▼ or ▲ to select the desired setting.

5 Press START/SET/COPY.

`SETUP ITEM [ ]`

6 Press MENU.

Note:

- If you change the greeting message time to 60 seconds, we recommend that you tell the caller in your own TAD/FAX greeting message to press ✱9 before starting fax transmission.
- If you change the greeting message time to 16 seconds from 60 seconds, your own recorded TAD/FAX greeting message will be deleted and return to the pre-recorded message. If necessary, re-record your own greeting message (p. 98).

Listening to recorded messages

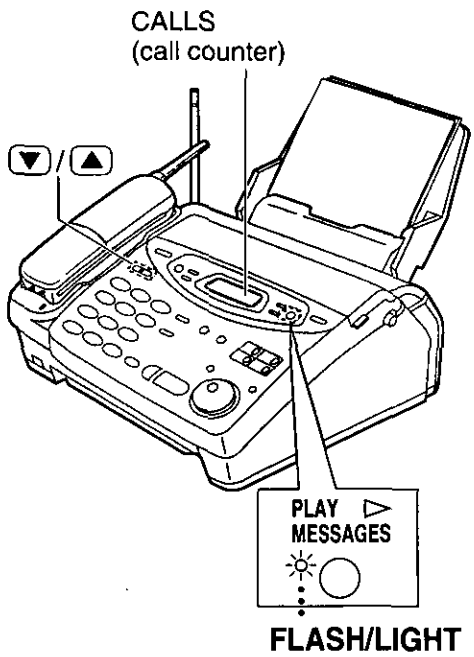
When the unit has recorded new voice messages;
— the PLAY MESSAGES indicator will flash,
— the call counter will show the total number of recorded messages, and
— slow beeps will sound if message alert (p. 116) is set to "ON".

When the PLAY MESSAGES indicator flashes

Press **PLAY MESSAGES**.
- Only the new recorded messages will be played.

When the PLAY MESSAGES indicator lights

Press **PLAY MESSAGES**.
- All messages will be played.



Note:
- During playback, the display shows the recorded order of the messages.
- You can adjust the speaker volume using ▼ or ▲.
- The number of calls in the call counter will not decrease until you erase the recorded messages.

Voice time/day stamp

During playback, a synthesized voice will announce the time and day of the week when each message was recorded.

Erasing recorded messages

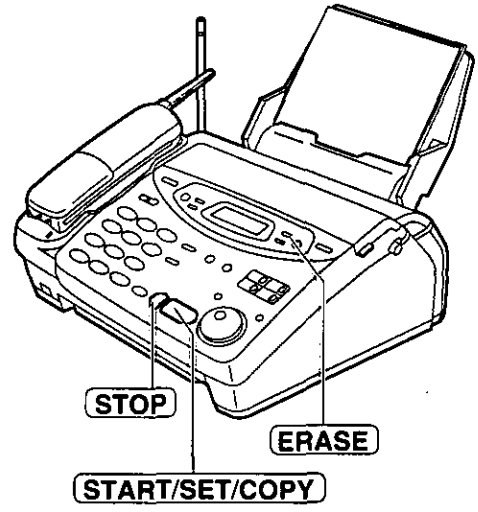
Erase unnecessary messages to prevent memory from becoming full.

Erasing a specific message

Press (ERASE) while listening to the message you want to erase.

Display:

```
ERASING
↓
MESSAGE ERASED
```



Erasing all the messages

1. Press (ERASE) after listening to all of the messages.

Display:

```
1.ALL MESSAGES
↕
PRESS START
```

2. Press (START/SET/COPY).

```
ERASE MESSAGES?
↕
YES: PRESS SET
```

- To stop erasing, press (STOP).

3. Press (START/SET/COPY).

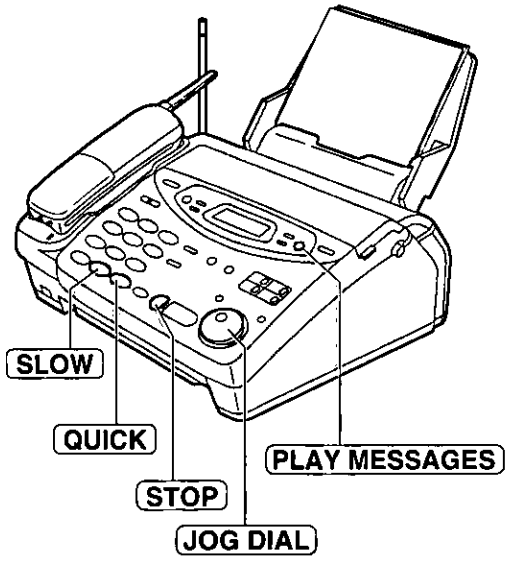
```
ERASING
↓
ERASE COMPLETED
```

Functions while playing a message
(repeating, skipping and stopping)

Repeating a message

Rotate [JOG DIAL] one click to the left while listening to the message you want to repeat.

- If you rotate [JOG DIAL] to the left within 5 seconds of the beginning of the message, the previous message will be played.
- To play back a specific message, rotate [JOG DIAL] to the left until you hear the message you want to repeat.



Skipping a message

Rotate [JOG DIAL] one click to the right to play the next message.

Changing the playback speed

Press [QUICK] (#) to play messages at one and a half times the original speed.

Press [SLOW] (0) to play messages at half the original speed.

- To return to the original speed, press [QUICK] or [SLOW] again during quick or slow playback.

Stopping playback

Press [STOP].

- To resume playing the recorded messages, press [PLAY MESSAGES] within 1 minute.

Memo message

(leaving a message for others or yourself)

To leave a private message for yourself or someone else, you can record a voice memo. This memo can be played back later, either directly or remotely.

1 Press **RECORD**.

Display:

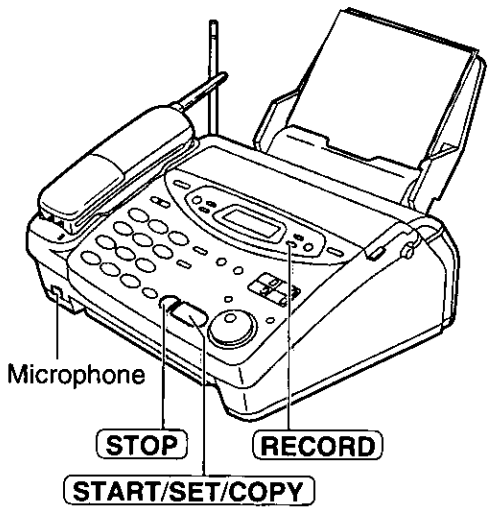
```
1.MEMO MESSAGE
PRESS START
```

2 Press **START/SET/COPY**.
- A long beep will sound.

```
MEMO RECORDING
```

3 Speak clearly about 20 cm (8 inches) away from the microphone.

4 When finished, press **STOP**.



Operating from the handset

The following operations can be performed remotely with the handset.

Dial Key	Remote command	Page
1	Repeats a message	106
2	Skips a message	106
4	New message playback	See below
5	All message playback	See below
7	Turns ON the AUTO ANSWER mode	106
9	Turns OFF the AUTO ANSWER mode (Changes to the TEL mode)	106

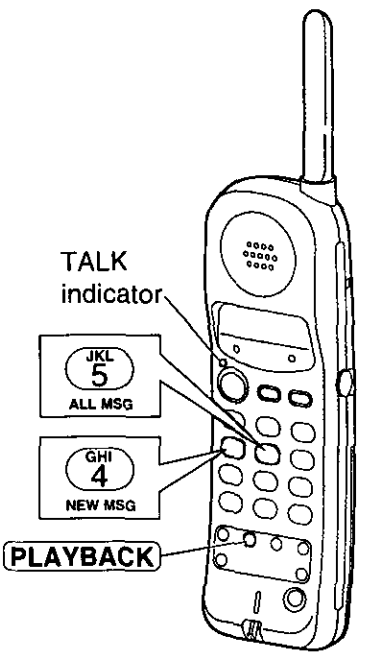
Listening to recorded messages

1 Press **PLAYBACK**.
- The TALK indicator will flash.
- The voice guide will tell you the number of new recorded messages and they will be played automatically.

Voice guide example:

3 new messages.

- **To repeat the new recorded messages:** Press 4.
- **To listen to all of the recorded messages:** Press 5.



2 Press **PLAYBACK** to end the operation.
- The TALK indicator will turn off.

When there are no new recorded messages

The voice guide will be heard.

Voice guide example:

No new messages.

Press 5 or wait for 4 seconds to listen to all of the recorded messages.

When memory is full

The voice guide will be heard after playing the messages.

Voice guide example:

Sorry, no more memory.
Please erase unnecessary messages.

Erase some or all of the messages (p. 102).

During playback

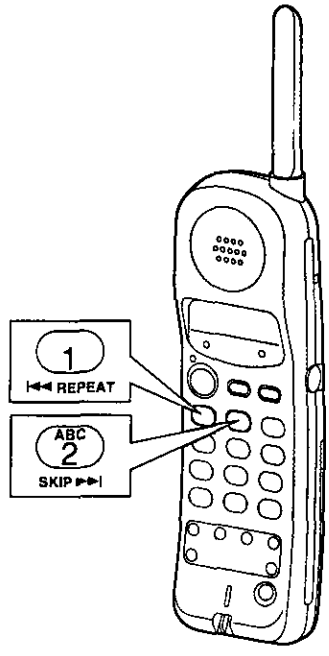
Repeating a message

Press [1] to play the current message.

- If you press [1] within 5 seconds of the beginning of a message, the previous message will be played.

Skipping a message

Press [2].



Turning the AUTO ANSWER mode on or off

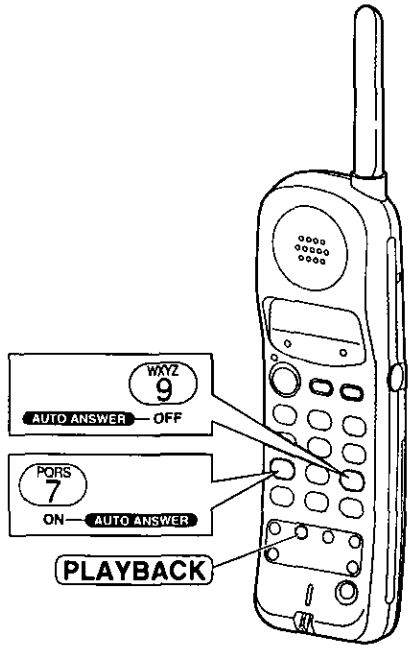
1 Press (PLAYBACK).

2 **To turn ON the AUTO ANSWER mode,** press [7].

OR

To turn OFF the AUTO ANSWER mode, press [9].

3 Press (PLAYBACK) to end the operation.



Operating from a remote location

The following operations can be performed from a remote location using a touch tone telephone.
Program the remote operation ID (p. 108) and set the unit to the TAD/FAX mode before going out (p. 96).

Dial Key	Remote command	Page
0	Skips the greeting message	111
1	Repeats a message	109
2	Skips a message	109
4	New message playback	109
5	All message playback	109
6	Room monitor	110
7	Re-records a greeting message	110
9	Stops re-recording of a greeting message	110

Dial Key	Remote command	Page
✱ 4	Erases a specific message	110
✱ 5	Erases all messages	110
8 0	Changes to the TEL mode	111
8 1	Turns ON message transfer for incoming messages	111
8 2	Turns OFF message transfer for incoming messages	111
8 3	Turns ON pager call for incoming messages	111
8 4	Turns OFF pager call for incoming messages	111

Remote operation card

Please cut out and carry this card for assistance when using the remote operation.

Answering Device Remote Operation

1. Call your unit.
2. Enter the remote operation ID □□□ during the greeting message.
   - The new recorded messages will be played automatically.
3. Press the remote command key(s) (see the reverse side) within 10 seconds.

If there are no new messages in step 2, press the remote command key(s) within 4 seconds or wait for 4 seconds, and all the recorded messages will be played back.

Fold here

Notice of Remote Operation

- The remote operation is available only from a touch tone telephone when the unit is in the TAD/FAX mode.
- When the unit is in the TEL mode, call your unit and wait for 15 rings. The answering device will temporarily answer the line. Enter the remote operation ID during the greeting message. The unit will switch to the TAD/FAX mode.
- When you press a key, press firmly.
- To send a document, press ✱ 9. When a fax tone is heard, start transmission.

Setting the remote operation ID

The remote operation ID is used to access the answering device.
Choose any 3-digit number except a number using digits 0 or 7.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [1] [1].

`REMOTE TAD ID`

3 Press (START/SET/COPY).

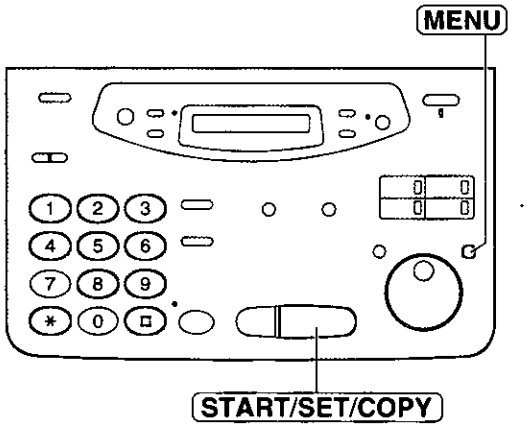
`ID=111`

4 Enter the desired number.

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Key	Remote command
[0]	Skips the greeting message
[1]	Repeats a message
[2]	Skips a message
[4]	New message playback
[5]	All message playback
[6]	Room monitor
[7]	Re-records a greeting message
[9]	Stops re-recording of a greeting message

Key	Remote command
[*][4]	Erases a specific message
[*][5]	Erases all messages
[8][0]	Changes to the TEL mode
[8][1]	Turns ON message transfer
[8][2]	Turns OFF message transfer
[8][3]	Turns ON pager call
[8][4]	Turns OFF pager call

From a remote touch tone telephone

Listening to recorded messages

1 Call your unit.

2 Enter the remote operation ID during the TAD/FAX greeting playback.

- The voice guide will tell you the number of new recorded messages and they will be played automatically.
- To repeat the new recorded messages, press [4].
- To listen to all of the recorded messages, press [5].

Voice guide example:

3 new messages.

5 messages.

When there are no new recorded messages

The voice guide will be heard.
Press [5] or wait for 4 seconds to listen to all of the recorded messages.

No new messages.

When memory is full

The voice guide will be heard after playing the messages.
Erase some or all of the messages (p. 110).

Sorry, no more memory.
Please erase unnecessary messages.

During playback

Repeating a message

Press [1] to play the current message.

- If you press [1] within 5 seconds of the beginning of a message, the previous message will be played.

Skipping a message

Press [2].

Erasing incoming messages from memory

Erasing a specific message

Press [*] [4] while listening to the message you want to erase.

- A long beep and the voice guide will be heard. The unit will then continue with the next message.

Voice guide example:

The message has been erased.

Erasing all messages

Press [*] [5] to erase all messages.

- A long beep and the voice guide will be heard.

All messages have been erased.

Other remote operations

Monitoring the room

Press [6] to monitor the sound in the room where the unit is installed.

- You can monitor the room sound for about 30 seconds.
- After 30 seconds, a beep sounds. To continue monitoring, press [6] again within 10 seconds.

Recording a marker message

After playing back the recorded messages, you can leave an additional message.

1. Wait for the voice guide to tell you that the remote operation has ended.
2. Wait about 10 seconds for the voice guide to prompt you to leave a message.
3. Leave a message after the beep.

All messages have been played.

Please leave your name and message after the beep.

Re-recording a greeting message

You can change the contents of the greeting message for the TAD/FAX mode.

1. Press [7] to start recording.
   - A long beep will sound.
2. Speak clearly for up to 16 seconds.
   - If you pause for over 2 seconds, 6 beeps will sound and the recording will stop. Repeat from step 1 within 10 seconds.
3. When finished, press [9].
   - The new greeting message will be played.

Skipping the greeting message

Press [0] during the greeting message playback.

- The unit will skip the rest of the greeting message.

Turning the message transfer on or off

You must first program a transfer telephone number (p. 113) before using this feature.

Voice guide example:

Press [8] [1] to turn ON the message transfer.

Message transfer is set.
Transfer phone number is 123456789.

Press [8] [2] to turn OFF the message transfer.

Message transfer is off.

- If a transfer telephone number is not programmed, you cannot turn this feature ON. The voice guide will prompt you.

Transfer phone number is not set.

Turning the pager call on or off

You must first program a pager number (p. 92) before using this feature.

Press [8] [3] to turn ON the pager call.

Pager call is set.
Pager number is 098765432.

Press [8] [4] to turn OFF the pager call.

Pager call is off.

- If a pager number is not programmed, you cannot turn this feature ON. The voice guide will prompt you.

Pager number is not set.

Changing the receive mode to the TEL mode

Press [8] [0] to change the setting of the receive mode from TAD/FAX to TEL.

- You cannot return to the TAD/FAX mode in the same call. To return to the TAD/FAX mode, see below.

Returning the receive mode to the TAD/FAX mode

You can change the setting of the receive mode from TEL to TAD/FAX from a remote location.

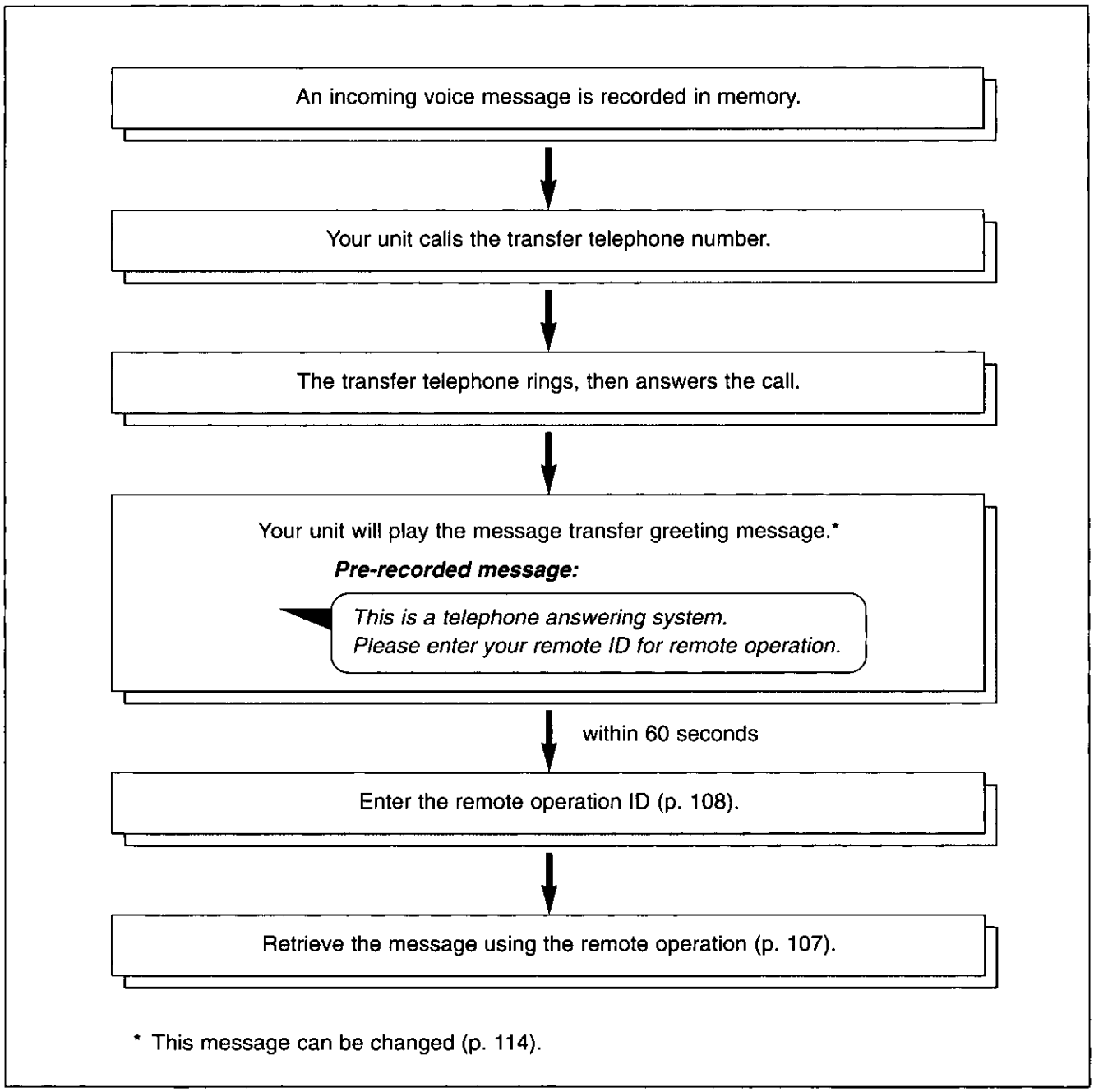
1. Call your unit and wait for 15 rings.
   - The answering device will temporarily answer the line.
2. Enter the remote operation ID during the greeting message.
   - Your unit will switch to the TAD/FAX mode.

Transferring recorded messages to another telephone

This feature allows your unit to call a designated telephone number each time an incoming voice message is recorded.

Program the transfer telephone number first. When an incoming message is recorded in your unit, the message will be transferred. You can retrieve the message during the same call using the remote operation.

- This feature operates in the TAD/FAX mode.
- For details on the remote operation, see page 107.
- Use a touch tone telephone to access your unit.


An incoming voice message is recorded in memory.
Your unit calls the transfer telephone number.
The transfer telephone rings, then answers the call.
Your unit will play the message transfer greeting message.*
Pre-recorded message:
This is a telephone answering system.
Please enter your remote ID for remote operation.
within 60 seconds
Enter the remote operation ID (p. 108).
Retrieve the message using the remote operation (p. 107).

* This message can be changed (p. 114).

Setting message transfer

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (6) (0).

`MESSAGE TRANS.`

3 Press (START/SET/COPY).

`MODE=OFF ▼▲`

4 Press (▼) or (▲) to select "ON".
- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`NO.=`

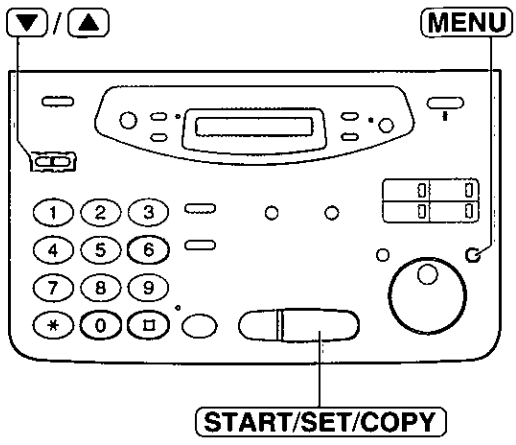
6 Enter the transfer telephone number.

Example: `NO.=3331111`

7 Press (START/SET/COPY).

`SETUP ITEM [ ]`

8 Press (MENU).



Note:
- This feature can be turned on/off remotely from a touch tone telephone (p. 111).

Recording a message transfer greeting message

The recording time is limited to 16 seconds. Record your message within 12 seconds for best performance.

Suggested message

Message transfer greeting message	*"This is a transferred message from (your name, business and/or telephone number). Please enter your remote ID for remote operation."*

Note:

- If you do not record a message, the pre-recorded message will be played (p. 112).

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press (#), then (6) (1).

`TRNS-GREETING`

3 Press (START/SET/COPY).

`CHECK ▼▲`

4 Press (▼) or (▲) to select "RECORD".

`RECORD ▼▲`

5 Press (START/SET/COPY).

`TRNS REC. 16s`

6 Speak clearly about 20 cm (8 inches) away from the microphone.

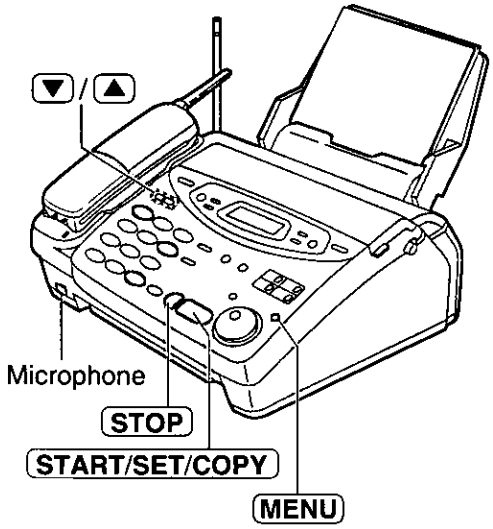
- The display will show the remaining recording time.

Example: `TRNS REC. 15s`

7 When finished recording, press (STOP).

- The unit will repeat your message. You can adjust the volume using (▼) or (▲).

8 Press (MENU).



To check your message

1. Press (MENU), (#)(6)(1), then (START/SET/COPY).
2. Press (▼) or (▲) to select "CHECK" in the display.
3. Press (START/SET/COPY).
   - The unit will play your message.
4. To exit the program, press (MENU).

To erase your message

1. Press (MENU), (#)(6)(1), then (START/SET/COPY).
2. Press (▼) or (▲) to select "ERASE" in the display.
3. Press (START/SET/COPY).
   - Your own message will be erased.
4. To exit the program, press (MENU).
   - The pre-recorded greeting message will be played when transferring a call.

Ring count in the TAD/FAX mode

This feature determines the number of rings before the unit answers a call in the TAD/FAX mode.
You can choose from 1, 2, 3, 4, TOLL SAVER and RINGER OFF.

TOLL SAVER: When you call the unit from a remote location, the number of rings will tell you if there are any new voice messages. If the unit answers on the second ring, there is at least one new recorded message. If the unit answers on the fourth ring, there are no new recorded messages. To save the toll charges for the call, hang up immediately when you hear the third ring. The third ring indicates that there are no new recorded messages.

RINGER OFF: The unit will answer without ringing.

Helpful hints:

- To answer a call before the unit does, increase the number of rings.
- If you have difficulty in receiving faxes from machines that have an automatic transmission feature, decrease the number of rings.

1 Select "TAD/FAX" in step 4 of feature setting #77 (p. 79).

2 Press (MENU).

Display: `1.SYSTEM SET UP`

3 Press (¤), then (0) (6).

`TAD RING COUNT`

4 Press (START/SET/COPY).

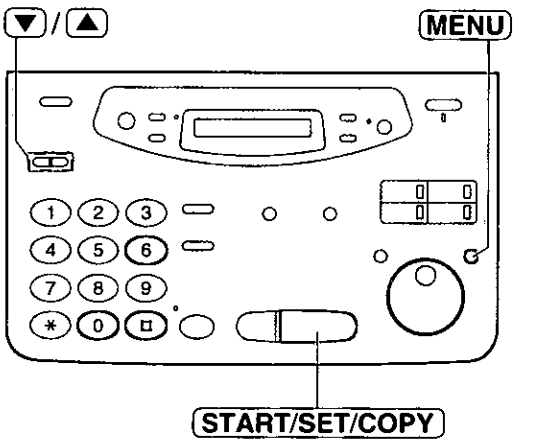
`RING=2 ▼▲`

5 Press (▼) or (▲) to select the desired setting.

6 Press (START/SET/COPY).

`SETUP ITEM [ ]`

7 Press (MENU).



Note:

- If you subscribe to a Caller ID service, set this ring count setting to 2 or more rings.

Incoming message recording time

You can choose from two recording times for an incoming message.

VOX (unlimited): The unit will record an incoming message as long as the caller talks (pre-selected setting).
1 MIN (1 minute): The unit will record each incoming message up to 1 minute.

1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press #, then 1 0.

`RECORDING TIME`

3 Press START/SET/COPY.

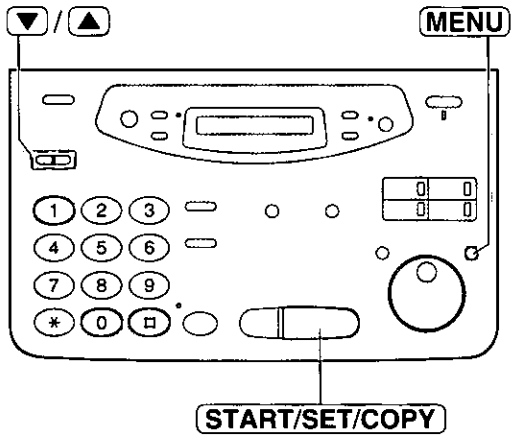
`MODE=VOX ▼▲`

4 Press ▼ or ▲ to select the desired setting.

5 Press START/SET/COPY.

`SETUP ITEM [ ]`

6 Press MENU.



Message alert

(beeps when a voice message is received)

When this feature is on, the unit will let you know with slow beeps that a caller's message has been recorded.

1 Press MENU.

Display: `1.SYSTEM SET UP`

2 Press #, then 4 2.

`MESSAGE ALERT`

3 Press START/SET/COPY.

`MODE=OFF ▼▲`

4 Press ▼ or ▲ to select "ON".

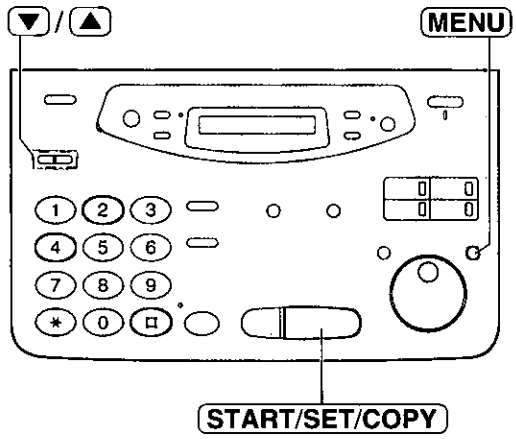
`MODE=ON ▼▲`

- If this feature is not required, select "OFF".

5 Press START/SET/COPY.

`SETUP ITEM [ ]`

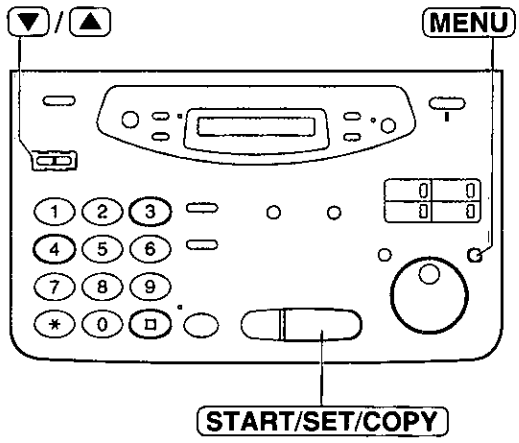
6 Press MENU.



Recording time alert

(beeps when memory is almost full)

When there is less than 60 seconds of recording time for incoming messages, the unit will alert the user with slow beeps.



1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [4] [3].

`REC. TIME ALERT`

3 Press (START/SET/COPY).

`MODE=OFF ▼▲`

4 Press (▼) or (▲) to select "ON".

`MODE=ON ▼▲`

- If this feature is not required, select "OFF".

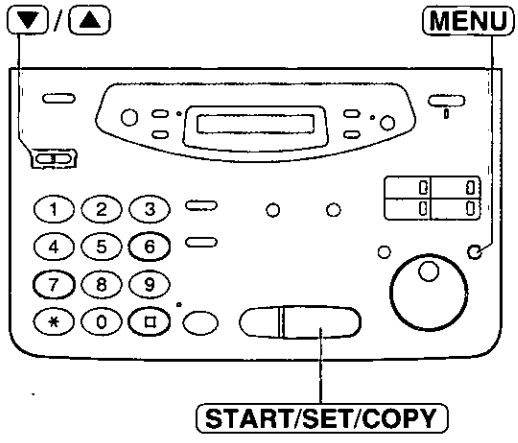
5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).

Incoming message monitor

When a call is received with the answering device, the incoming messages (ICM) will be heard from the speaker during the call. If you do not want the messages to be heard by other persons who share your unit, set this feature to "OFF".



1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [6] [7].

`ICM MONITOR`

3 Press (START/SET/COPY).

`MODE=ON ▼▲`

4 Press (▼) or (▲) to select the desired setting.

- If this feature is not required, select "OFF".

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).

Reports

If your unit cannot send a fax, check the following.
– The number you dialed is correct.
– The other party's machine is a facsimile.
If the problem remains, correct it by following the communication message printed on the sending and journal reports (p. 67, 68).

Communication message	Error code	Cause & Remedy
COMMUNICATION ERROR	41–72 FF	• A transmission or reception error occurred. Try again or check with the other party.
DOCUMENT JAMMED	—	• The document is jammed. Remove the jammed document (p. 128).
ERROR-NOT YOUR UNIT	54, 59 70	• A transmission or reception error occurred because of a problem with the other party's fax machine. Check with the other party.
MEMORY FULL	—	• The document was not received due to memory being full.
NO DOCUMENT	—	• The document was not fed into the unit properly. Reinsert the document and try again.
OTHER FAX NOT RESPOND	—	• The other party's fax machine was busy or ran out of recording paper. Try again. • The document was not fed properly. Reinsert the document and try again. • The other party's fax machine rings too many times. To send a fax manually, dial the number, confirm the fax tone, and press (START/SET/COPY). • The other party's machine is not a facsimile. Check with the other party. • The number you dialed is not in service.
PRESSED THE STOP KEY	—	• (STOP) was pressed and fax communication was canceled.
THE COVER WAS OPENED	—	• The cover was opened. Close it and try again.
OK	—	• Fax communication was successful.

For Fax advantage assistance, call 1-800-435-7329.

Display

If the unit detects a problem, one or more of the following messages will appear on the display.

Display message	Cause & Remedy
CALL SERVICE	• There is something wrong with the unit. Contact our service personnel.
CHECK COVER	• The cover is open. Close it.
CHECK DOCUMENT	• The document is not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers and try again (p. 132). If the problem remains, adjust the feeder pressure (p. 128).
CHECK FILM	• The film cartridge is not installed. Install it (p. 130, 131).
CHECK MEMORY	• Memory (telephone numbers, parameters, etc.) has been erased. Re-program.
CHECK PAPER	• The recording paper is not installed or the unit has run out of paper. Install paper and press (START/SET/COPY) to clear the message. • The recording paper is not fed into the unit properly or has jammed near the recording paper entrance. Clear the jammed paper and press (START/SET/COPY) to clear the message (see "When paper has jammed near the recording paper entrance" on page 127). Do not install folded or heavily curled paper in the paper tray.
FAX IN MEMORY	• The unit has a document in memory. See the other displayed message instructions to print out the document.
FAX MEMORY FULL	• Memory is full of received documents due to a lack of recording paper or a recording paper jam etc. Install paper or clear the jammed paper. • When performing memory transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document using manual or automatic transmission.
FILM EMPTY	• The film is empty. Replace the film cartridge (p. 130, 131). • The film is slack. Tighten it (see step 4 on page 131) and install again.
FILM NEAR EMPTY	• The remaining film can print about 15 pages of letter size document. Prepare a new film cartridge (p. 18).
FREE FILM EMPTY	• The free starter film is empty. Replace the film cartridge (p. 130, 131).
JOG-DIAL FULL	• There is no space to store new stations in the JOG DIAL directory. Edit or erase unnecessary stations (p. 49).
LOADING ERROR	• A loading error occurred while receiving data from FaxSav. Contact FaxSav at 1-888-332-9728.
MEMORY FULL	• When making a copy, the document being stored exceeds the memory capacity of the unit. Press (STOP) to clear the message.

(continued)

Error Messages

Display message	Cause & Remedy
MESSAGE FULL	• There is no memory left to record a voice message. Erase some or all of the messages (p. 102, 110).
MODEM ERROR	• There is something wrong with the modem circuit. Contact our service personnel.
NO FAX REPLY	• The other party's fax machine is busy or has run out of recording paper. Try again.
PAPER JAMMED	• A recording paper jam occurred under the film cartridge. Clear the jammed paper (p. 126).
PLEASE WAIT	• The unit is checking that there is no slack on the film. Wait a while.
REDIAL TIME OUT	• The other party's fax machine is busy or has run out of recording paper. Try again.
REMOVE DOCUMENT	• The document is jammed. Remove the jammed document (p. 128). • Attempted to transmit a document longer than 600 mm (23⅝"). Press **STOP** to remove the document. Divide the document into two or more sheets and try again.
TRANSMIT ERROR	• A transmission error occurred. Try again.
UNIT OVERHEATED	• The unit is too hot. Let the unit cool down.

For Fax advantage assistance, call 1-800-435-7329.

When a function does not work, check here before requesting help

General

Problem	Cause & Remedy
I cannot make and receive calls.	• The power cord or telephone line cord is not connected. Check the connections (p. 26).
I cannot make calls.	• The dialing mode setting is wrong. Change to "TONE" or "PULSE" (p. 43).
The main unit does not work.	• Disconnect the unit from the telephone line and connect the line to a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.
The main unit does not ring.	• The ringer volume is set to off. Adjust it to a suitable level (p. 34).
The main unit displays "CHECK PAPER" though the paper is inserted.	• The paper is inserted halfway. Insert it correctly (p. 24, 25) and press START/SET/COPY to clear the message.
The other party complains they only hear a fax tone and cannot talk.	• The FAX ONLY mode is set. Tell them the number is only used for faxes or change to another receive mode on your unit (p. 76, 77).
The speakerphone is not working.	• Use the speakerphone in a quiet room. • If you have difficulty hearing the other party, adjust the volume using ▼ or ▲. • If parts of your conversation are cut off, you and the other party spoke at the same time. Speak alternately.
The REDIAL/PAUSE button does not function properly.	• If this button is pressed during dialing, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialed will be redialed.
The receive mode does not function as explained on pages 76 and 77.	• A Distinctive Ring pattern is set (p. 82, 83). • The TEL/FAX mode is set (p. 84–87).
During programming, I cannot enter a code or ID number.	• All or part of the numbers are the same. Change the number (p. 88, 108).
The film runs out quickly.	• The HELP button, copy function, and reports use more film.
The LOCATOR/INTERCOM button does not function.	• The handset is too far from the main unit or is engaged in an outside call.
The CHARGE light never goes out while charging.	• This is normal.
While having an intercom call, a series of tones is heard.	• Someone is calling you from outside. Press TALK or DIGITAL SP-PHONE to answer the outside call. The intercom call will be terminated.

Cordless handset

Problem	Cause & Remedy
The handset does not work.	• Make sure that the battery is installed correctly (p. 129). • Charge the battery fully (p. 32). • Clean the charge contacts (p. 133) and charge again.
The handset does not ring.	• The ringer volume is set to off. Press (LOUD/RINGER) (p. 34).
An alarm tone sounds when I press (TALK), (INTERCOM), (PLAYBACK) or (REMOTE SP).	• The handset is too far from the main unit. Move closer and try again. • Place the handset on the main unit and try again. • The power cord is disconnected. Plug in the power cord.
Static, sound cuts in/out, fades. Interference from other electrical units.	• Locate the handset and the main unit away from electrical appliances. • Move closer to the main unit. • Press (CH) to select a clear channel. • Raise the main unit antenna.
The handset stops working while being used.	• Place the handset on the main unit, and disconnect the power cord to reset the unit. Connect the power cord, and try again.
I cannot store a telephone number in the handset memory.	• Do not pause for over 30 seconds while storing.
While storing a telephone number in the handset, it starts to ring.	• To answer a call, press (TALK). The program will be canceled. Store the number again.
I cannot redial by pressing (REDIAL/PAUSE).	• If the last number dialed was more than 32 digits long, the number will not be redialed.
The RECHARGE indicator flashes or the handset beeps intermittently.	• Charge the battery fully (p. 32).
I charged the battery fully, but the RECHARGE indicator flashes.	• Clean the charge contacts (p. 133) and charge again. • It is time to replace the battery. Please purchase a new battery (p. 18).
I cannot receive documents by pressing (FAX) on the handset.	• Press (FAX) until a single beep is heard.

For Fax advantage assistance, call 1-800-435-7329.

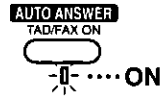
Fax – sending

Problem	Cause & Remedy
I cannot send a document.	• The other party's fax machine is busy or has run out of paper. Try again. • The other party's machine is not a facsimile. Check with the other party. • The other party's fax machine rings too many times. Send the fax manually – dial the number, confirm the fax tone, then press (START/SET/COPY).
The other party complains that letters on their received document are distorted.	• If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have these services. • The extension telephone on the same line is off the hook. Hang up the extension telephone and try again.
The other party complains that dirty patterns or black lines appear on their received document.	• The glass or rollers are dirty. Clean them (p. 132).
I cannot make an international fax call.	• Use the overseas transmission mode (p. 74). • Add two pauses at the end of the telephone number (p. 42) or dial manually.

Fax – receiving

Problem	Cause & Remedy
I cannot receive documents automatically.	• The receive mode is set to the TEL mode. Set to the TAD/FAX, FAX ONLY or TEL/FAX mode. • The time taken to answer a call is too long. Decrease the number of rings (p. 80, 87, 115). • The greeting message is too long. Shorten the message (p. 98).
The display shows "CONNECTING....." but faxes are not received.	• The incoming call is not a fax. Change the receive mode to the TEL or TAD/FAX mode.
The recording image is faint.	• The sender transmitted a faint document. Ask them to transmit a clearer copy of the document. • The thermal head is dirty. Clean it (p. 133).
The printing quality is poor.	• Some paper has instructions recommending which side to print on. Try turning the paper over. We recommend smooth paper such as Hammermill® Jet Print for clearer printing.
A blank sheet is ejected after the received document is printed out.	• The receiving reduction rate is not programmed correctly. Program the proper rate (p. 89).
I cannot receive documents by pressing (FAX) on the handset.	• Press (FAX) until a single beep is heard.

Receive mode

Problem	Cause & Remedy
I cannot select the desired receive mode.	• If you want to set the TAD/FAX, FAX ONLY or TEL/FAX mode: – Select the desired mode using feature #77 (p. 79), and – Press [AUTO ANSWER] to turn on the AUTO ANSWER light.  • If you want to set the TEL mode: – Press [AUTO ANSWER] to turn off the AUTO ANSWER light.

Copying

Problem	Cause & Remedy
The unit does not make a copy.	• You cannot make a copy during programming. Make the copy after programming or stop the programming.
A dirty pattern or a black line appears on the copied document.	• The glass or rollers are dirty. Clean them (p. 132).
The copied image is distorted.	• The thermal head is dirty. Clean it (p. 133).
The printing quality is poor.	• Some paper has instructions recommending which side to print on. Try turning the paper over. We recommend smooth paper such as Hammermill® Jet Print for clearer printing.
The printing is faint. Original: ABC Copy: ABC	• You may have used paper with a cotton and/or fiber content that is over 20%, such as letterhead or resume paper. We recommend smooth paper such as Hammermill® Jet Print for clearer printing.

Answering device

Problem	Cause & Remedy
No voice messages have been recorded in the TAD/FAX mode.	• The memory is full. Erase some or all of the messages (p. 102, 110).
I cannot retrieve recorded messages from a remote telephone.	• Make sure that you use the remote operation ID correctly (p. 108).
While operating the answering device from the handset, a series of tones is heard.	• Someone is calling you from outside. Press [TALK] to answer the outside call. The remote operation will be terminated.
I cannot operate the answering device with the handset.	• Someone is operating the answering device. • You are too far from the main unit. Move closer.

For Fax advantage assistance, call 1-800-435-7329.

If a power failure occurs

- The unit will not function.
- Fax transmission and reception will be interrupted.
- If delayed transmission is programmed and the start time has passed during a power failure, transmission will be attempted soon after power is restored.
- If fax documents are stored in memory, they will be lost. When power is restored, a power down report will be printed out stating which contents in memory have been erased.

Power down report

The power down report will be automatically printed out after power is restored.
The report will not be printed out if there are no documents stored in memory.

Sample of a power down report

POWER DOWN REPORT

POWER DOWN AT:Jan. 05 1999 04:30AM
RESTARTED AT:Jan. 05 1999 04:31AM

<< WARNING >>
CONTENTS HAVE BEEN CLEARED DUE TO POWER DOWN.
FOR ADDITIONAL INFORMATION, PLEASE SEE THE JOURNAL REPORT.

NO.	OTHER FACSIMILE	MODE	PAGES	FUNCTION
01	<FAX # NOT AVAIL.>	RCV	01	MEMORY RECEIVE

Recording paper jams

If the unit does not eject any recording paper during reception or copying, the recording paper has jammed. Remove the jammed paper.

When paper has jammed under the film cartridge

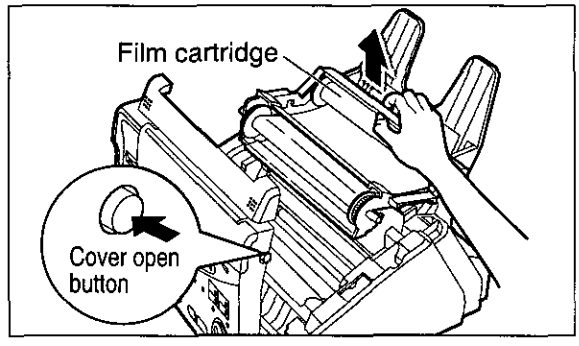
The display will show the following message.

Display: PAPER JAMMED

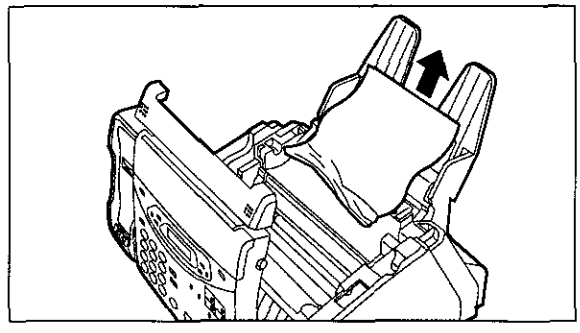
Remove the jammed paper as follows.

1 Open the cover by pressing the cover open button.

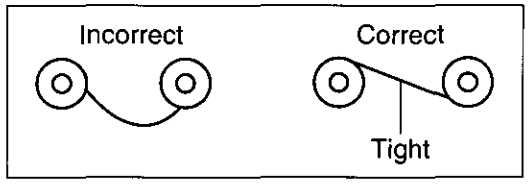
2 Remove the film cartridge.

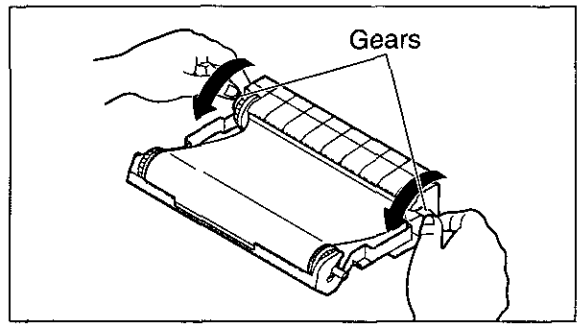


3 Remove the jammed recording paper.



4 If the film is slack, turn the film cartridge over and tighten it by winding the gears.

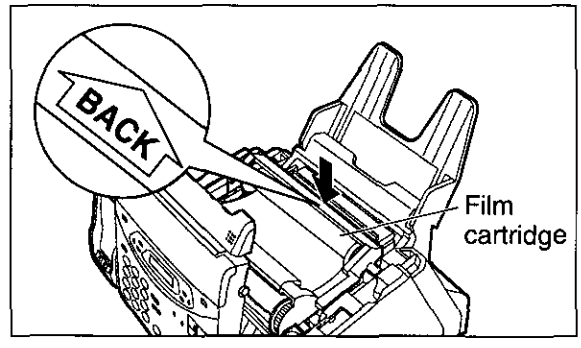




5 Turn the film cartridge over so that the "BACK" is facing up.

6 Replace the film cartridge by first placing the front of the cartridge into the unit and then lowering the "BACK" of the cartridge into place.

7 Close the cover securely by pushing down on the dotted area at both ends.



For Fax advantage assistance, call 1-800-435-7329.

When paper has jammed near the recording paper entrance

The display will show the following message.

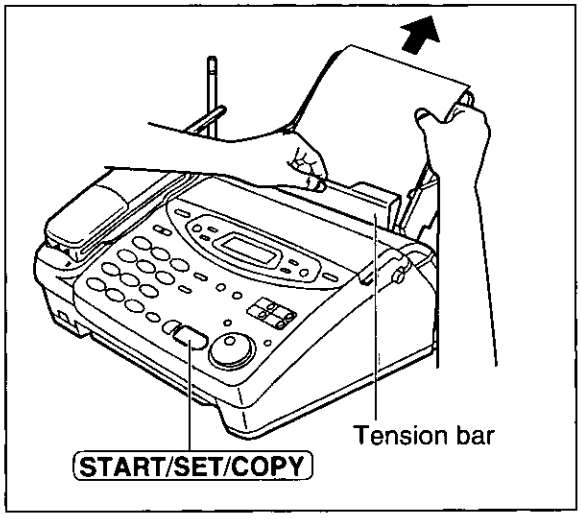
Display:

CHECK PAPER
↕
PRESS START

Remove the jammed paper as follows.

1 Pull the tension bar forward and hold open while pulling out the jammed recording paper from the recording paper entrance.

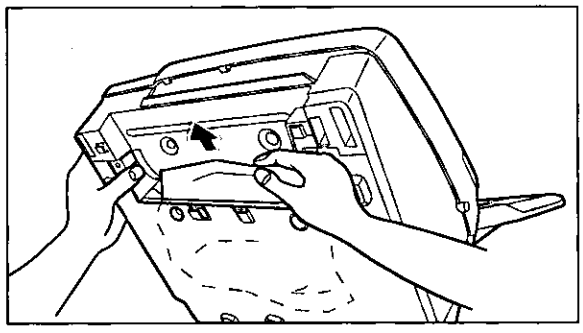
2 Press **START/SET/COPY** to clear the message.



When paper has not been ejected even though "PAPER JAMMED" or "CHECK PAPER" is not displayed

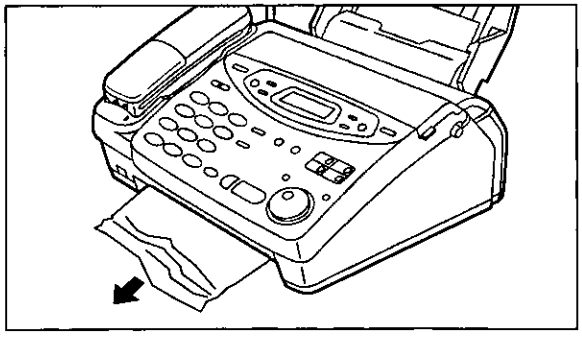
Check the recording paper exit. If there is any jammed paper, remove it as follows.

1 Tilt the unit up and pull the jammed recording paper out of the recording paper exit.



2 Remove the jammed recording paper from the recording paper exit.

- If you cannot remove the jammed paper, remove it by following the instructions on page 126.



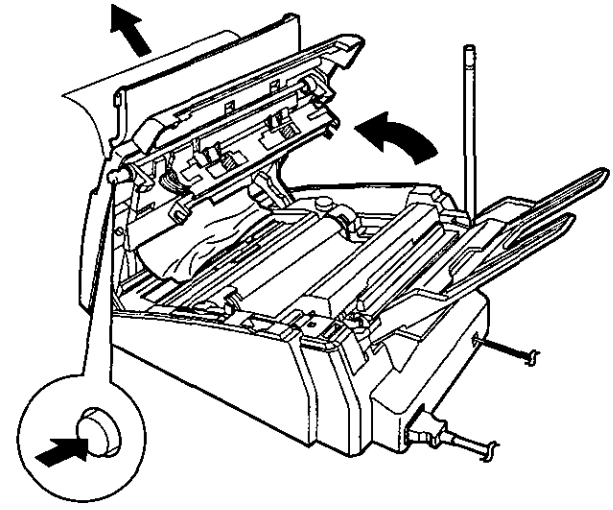
Sending document jams

If the unit does not release the document during feeding, remove the jammed document.

1 Open the cover by pressing the cover open button.

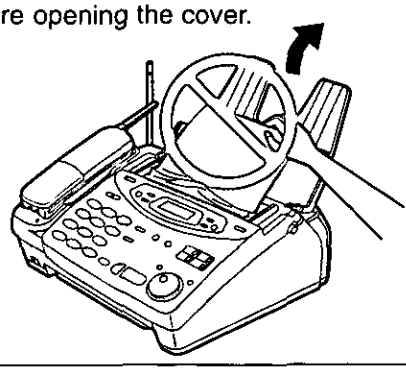
2 Remove the jammed document carefully.

3 Close the cover securely by pushing down on the dotted area at both ends.



Note:

- Do not forcibly pull out the jammed paper before opening the cover.



Sending document does not feed, or multi-feeds

If no feeding or multiple feeding occurs frequently, adjust the feeder pressure.

1 Open the cover by pressing the cover open button.

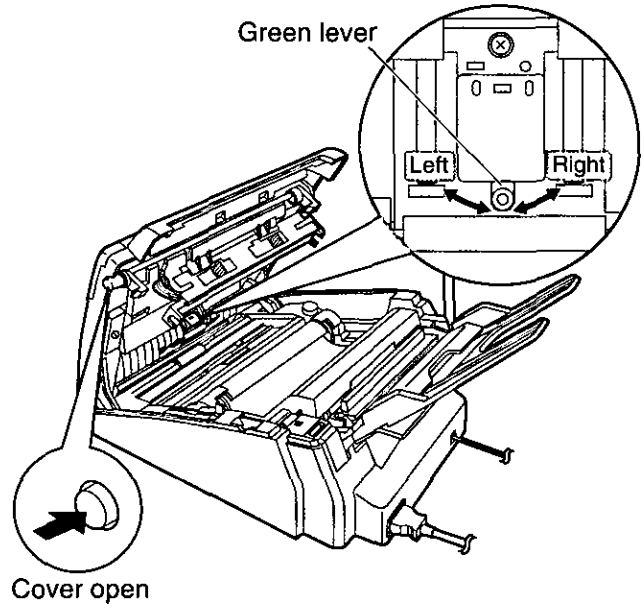
2 Shift the position of the green lever by using an instrument with a pointed end, such as a paper clip.

Left: When document multiple feeds.
Center: Standard position (pre-selected)
Right: When document does not feed.

3 Close the cover securely by pushing down on the dotted area at both ends.

Note:

- When shifting the green lever, do not touch the surrounding parts.

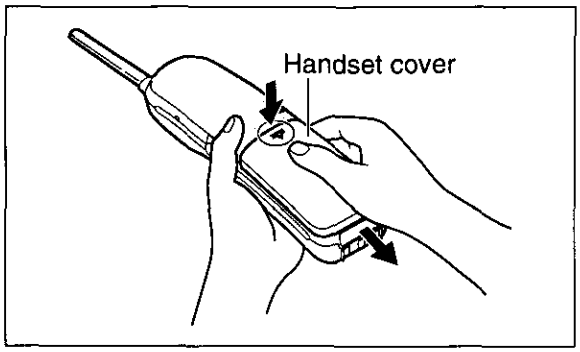


For Fax advantage assistance, call 1-800-435-7329.

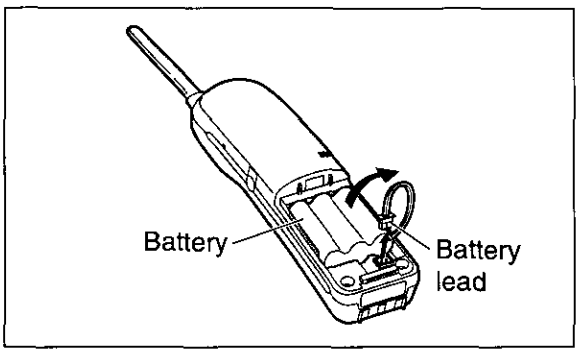
Replacing the handset battery

If the RECHARGE indicator flashes after being fully charged, replace the battery with a new Panasonic rechargeable battery Model No. KX-A36. To order see page 18. To prevent memory loss, replace the battery within 3 minutes.

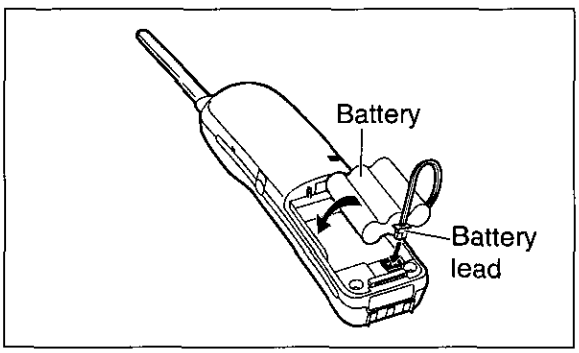
1 Press down on the arrow and slide the handset cover.



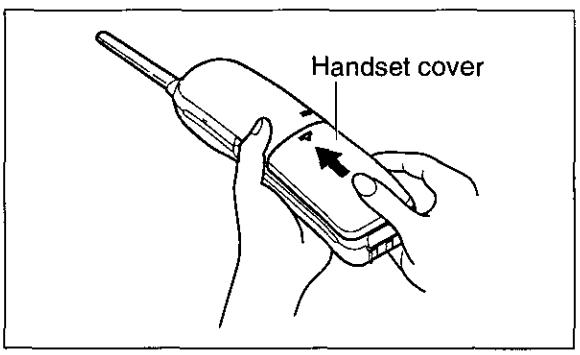
2 Disconnect the battery lead and remove the battery.



3 Connect the new battery lead and insert the battery into the handset.



4 Replace the handset cover on the handset.
- Be sure to charge the new battery for about **4 hours** (p. 32).



Attention:
- Use only a Panasonic rechargeable battery Model No. KX-A36.
- The product you have purchased is powered by a nickel cadmium battery which is recyclable. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.

For Fax advantage assistance, call 1-800-435-7329.

How much film you have left

To check the amount of remaining film, proceed as follows. The display indicates the approximate amount of remaining film.

Display:

```
FILM  E▁▂▃▅▇F
```

↓

```
FILM  E▁      F
```

When the film indicator points to this position, the remaining film will print up to 25 pages of letter size document. Prepare a new film cartridge for replacement.

1 Press **MENU**.

Display:

```
1.SYSTEM SET UP
```

2 Press ⌗, then **1** **8**.

```
FILM REMAIN
```

3 Press **START/SET/COPY**.

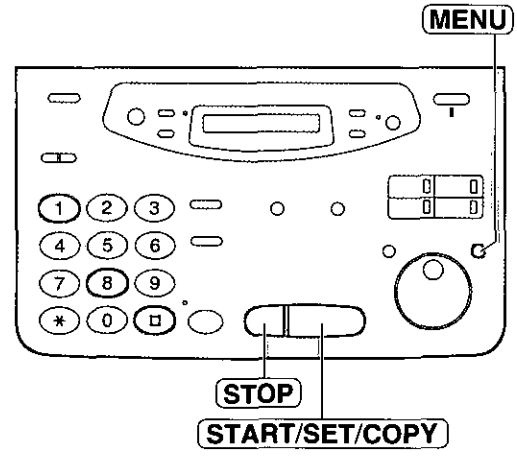
Example:

```
FILM  E▁▂▃▅▇F
```

4 Press **STOP**.

```
SETUP ITEM [   ]
```

5 Press **MENU**.



Replacing the film cartridge

When the unit detects the end of the film, the following message will be displayed.

Display:

```
FILM NEAR EMPTY
```

The remaining film prints about 15 pages of letter size document. Prepare a new film cartridge.

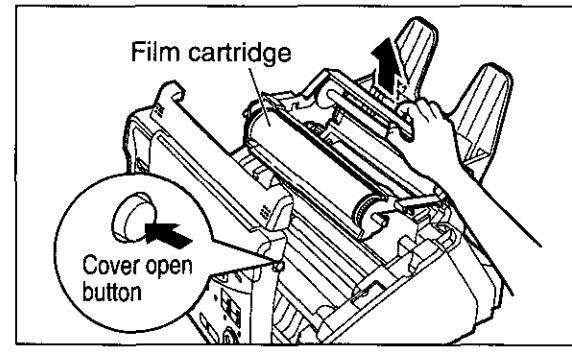
```
FILM EMPTY
```

The film is empty. Install a new film cartridge.

The following is available for replacement:
KX-FA65: Film cartridge (prints about 330 letter size pages)
To order, see page 18.

1 Open the cover by pressing the cover open button.

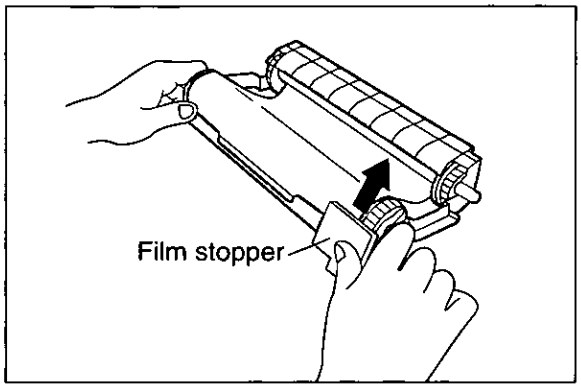
2 Remove the used film cartridge.



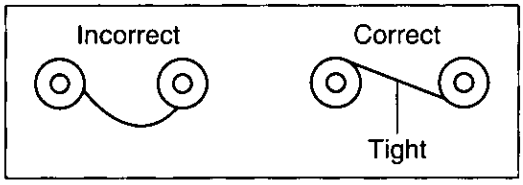
(continued)

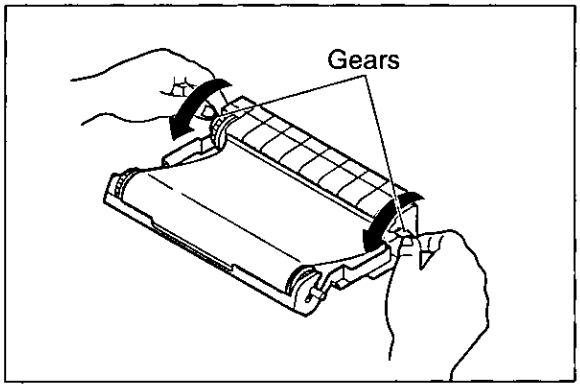
For Fax advantage assistance, call 1-800-435-7329.

3 Remove the film stopper from the new film cartridge by pushing it up.

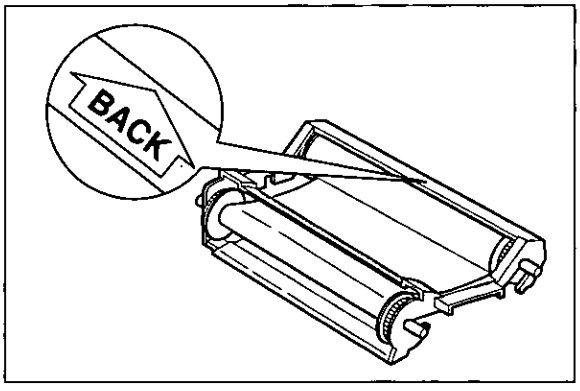


4 If the film is slack, tighten it by winding the gears.





5 Turn the film cartridge over so that the "BACK" is facing up.

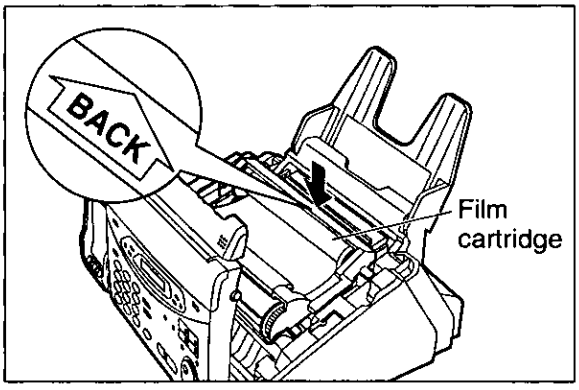


6 Insert the new film cartridge by first placing the front of the cartridge into the unit and then lowering the "BACK" of the cartridge into place.

7 Close the cover securely by pushing down on the dotted area at both ends.

- The unit will check that there is no slack on the film. The following message will be displayed.

Display: `PLEASE WAIT`



Help

Document feeder

If misfeeding occurs frequently or if dirty patterns or black bands appear on a copied or transmitted document, clean the document feeder.

1 **Disconnect the power cord and the telephone line cord.**

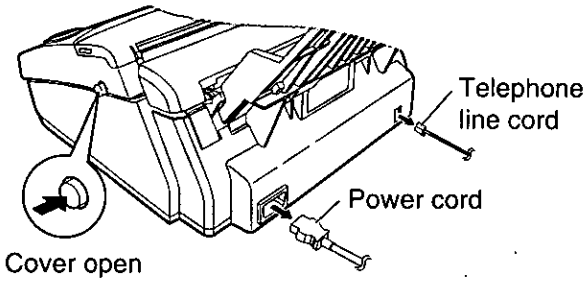
2 Open the cover by pressing the cover open button.

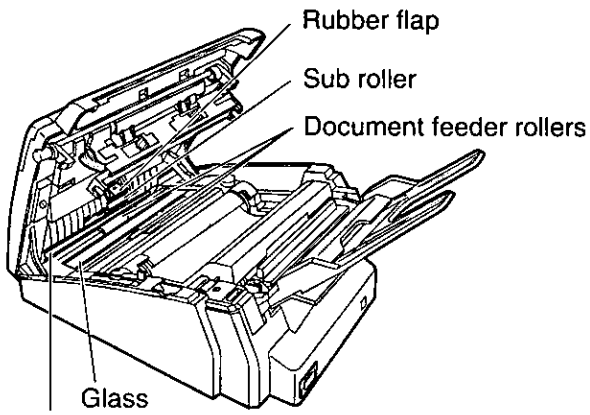
3 Clean the document feeder rollers, sub roller and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let all parts dry thoroughly.

4 Clean the white plate and glass with a soft dry cloth.

5 Close the cover securely by pushing down on the dotted area at both ends.

6 Connect the power cord and the telephone line cord.





Caution:

- **Do not use paper products, such as paper towels or tissues, to clean the inside of the unit.**

For Fax advantage assistance, call 1-800-435-7329.

Thermal head and black bar

If dirty patterns or black or white bands appear on a copied or received document, clean the thermal head and black bar.

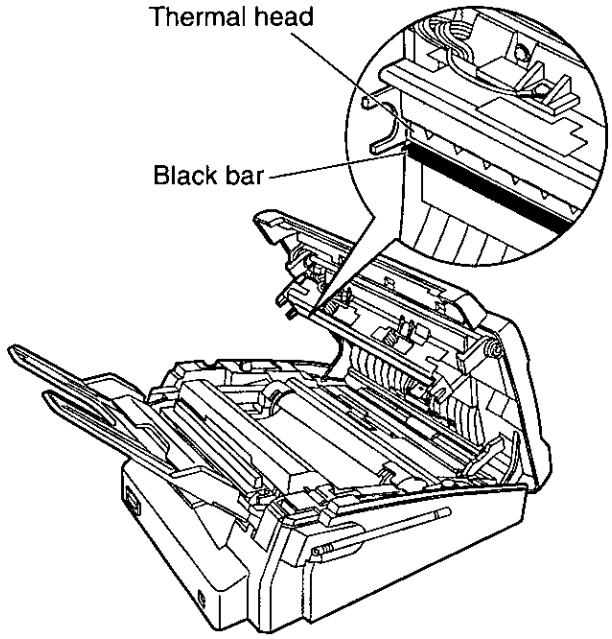
1 **Disconnect the power cord and the telephone line cord.**

2 Open the cover by pressing the cover open button.

3 Clean the thermal head and black bar with a cloth moistened with isopropyl rubbing alcohol, and let it dry thoroughly.

4 Close the cover securely by pushing down on the dotted area at both ends.

5 Connect the power cord and the telephone line cord.

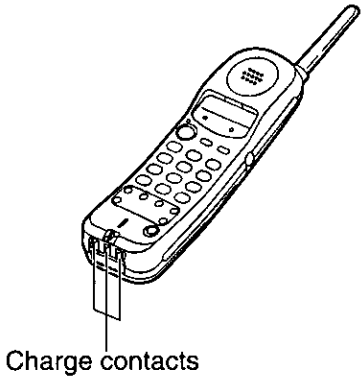


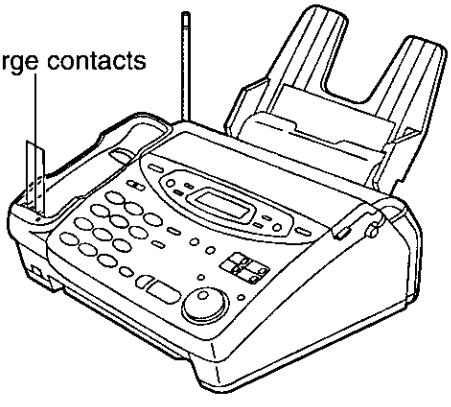
Caution:

- **To prevent a malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head directly with your fingers.**

Charge contacts

Clean the charge contacts with a dry soft cloth once a month, or the battery may not charge properly.





Help

Printing the feature settings, telephone numbers, journal, printer test list, broadcast list and Caller ID list

You can print out the following report and lists.

Feature list: provides you with the current settings of the basic and advanced programming features (p. 153–155).

Telephone number list: provides you with the names and telephone numbers which are stored in the One-Touch Dial and JOG DIAL directory. The telephone number codes are as shown below.

P: A pause has been entered.
[ ]: A secret telephone number has been entered. (The telephone number is not printed.)

Journal report: keeps records of fax transmissions and receptions. This report will be printed automatically after every 35 fax communications (p. 68).

Printer test list: allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the thermal head (p. 133).

Broadcast list: provides you with the names and telephone numbers which are stored in the BROADCAST keys (p. 71–73).

Caller ID list: keeps records of the last 35 callers after subscribing to a Caller ID service. This report will be printed automatically after every 35 callers (p. 57).

1 Press (MENU) two times.

Display: `2.PRINT REPORT`

2 For the **feature list**, press [#], then [1].

`SETUP LIST`

For the **telephone number list**, press [#], then [3].

`TEL NO. LIST`

For the **journal report**, press [#], then [4].

`JOURNAL REPORT`

For the **printer test list**, press [#], then [5].

`PRINTER TEST`

For the **broadcast list**, press [#], then [6].

`BROADCAST LIST`

For the **Caller ID list**, press [#], then [8].

`CALLER ID LIST`

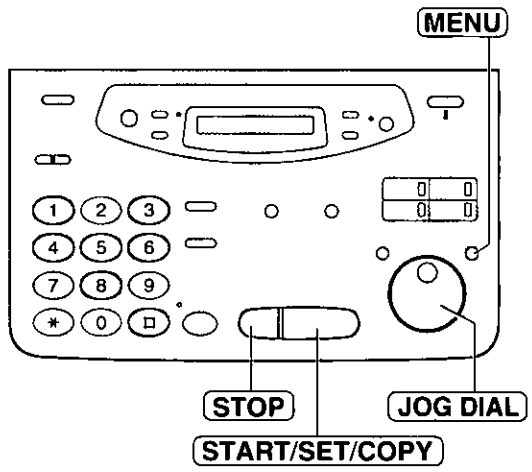
3 Press (START/SET/COPY) to start printing.

`PRINTING`

- To stop printing, press (STOP).
- After printing, the following will be displayed.

`PRINT ITEM [ ]`

4 Press (MENU).



Note:

- In step 2, you can select the desired item by rotating (JOG DIAL).

Fax voice guidance

You will hear the following voice guidance if this feature is set to on.

Fax transmission start:

Start transmission.

Fax reception start:

Start reception.

Fax transmission result:

Transmission is complete.
Transmission has failed.
Transmission has been interrupted.

Fax reception result:

Reception is complete.
Reception has failed.
Reception has been interrupted.

You can change this setting. The following choices are available.

ON: The fax voice guidance will be heard at each transaction (pre-recorded setting).
OFF: The fax voice guidance will not be heard.
ERROR: The fax voice guidance will be heard only when fax transmission/reception fails.

1 Press **MENU**.

Display: `1.SYSTEM SET UP`

2 Press #, then 4 7.

`FAX GUIDANCE`

3 Press **START/SET/COPY**.

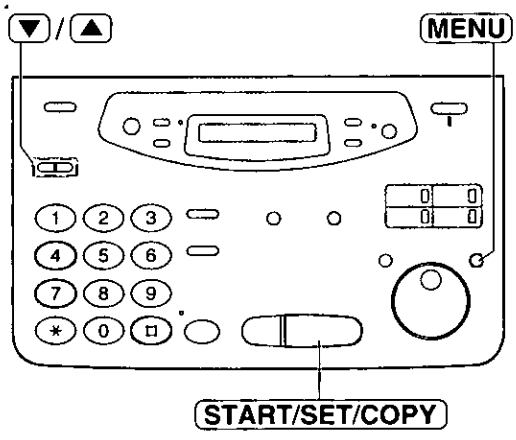
`MODE=ON ▼▲`

4 Press ▼ or ▲ to select the desired setting.

5 Press **START/SET/COPY**.

`SETUP ITEM [ ]`

6 Press **MENU**.



Changing the display contrast

Use this feature to adjust the display contrast.

NORMAL: (Pre-selected setting)
DARKER: Used when the display contrast is too light.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [3] [9].

`LCD CONTRAST`

3 Press (START/SET/COPY).

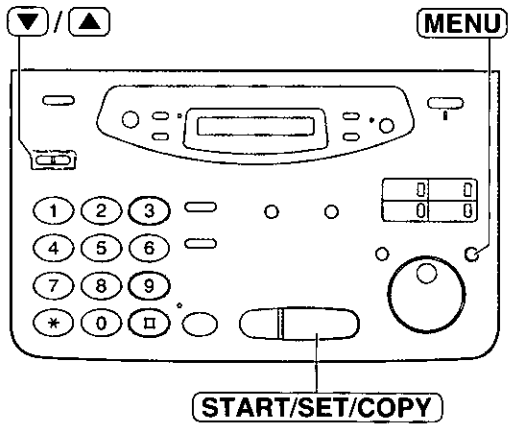
`MODE=NORMAL ▼▲`

4 Press [▼] or [▲] to select the desired setting.

5 Press (START/SET/COPY).

`SETUP ITEM [ ]`

6 Press (MENU).



Resetting the advanced features

Use this feature to return the advanced features (p. 154, 155) to their pre-selected settings.

1 Press (MENU).

Display: `1.SYSTEM SET UP`

2 Press [#], then [8] [0].

`SET DEFAULT`

3 Press (START/SET/COPY).

`RESET=NO ▼▲`

4 Press [▼] or [▲] to select "YES".

`RESET=YES ▼▲`

5 Press (START/SET/COPY).

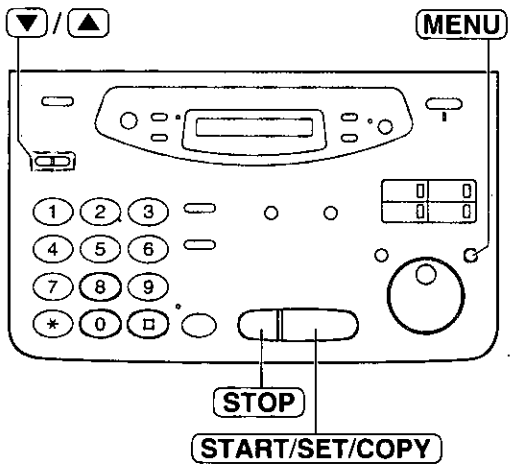
`RESET OK?`

- If this feature is not required, press (STOP).

6 Press (START/SET/COPY) again for confirmation.

`RESET COMPLETED`
↓
`SETUP ITEM [ ]`

7 Press (MENU).



List of FCC requirements and information

If required by the telephone company, inform them of the following.

- FCC Registration No.:
  (found on the rear of the unit)
- Ringer Equivalence No.:
  (found on the rear of the unit)
- The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Ringer Equivalence Number (REN):
This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

a) Promptly notify the customer.
b) Give the customer an opportunity to correct the problem with their equipment.
c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours; such as early morning or late evenings.

This telephone provides magnetic coupling to hearing aids.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Sales Company
Division of Matsushita Electric of
Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel
Industrial Park, Carolina, Puerto Rico 00985

PANASONIC
Facsimile Products
Limited Warranty

Have any questions? CALL 1-800-HELPFAX on:
How to operate the unit,
How to get repair service,
How to get supplies.

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in materials or workmanship.

This Limited Warranty Excludes both Labor and Parts for: batteries, antennas, and cosmetic parts (cabinet).

Carry-in or mail-in service in the USA or Puerto Rico can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-HELP FAX (1-800-435-7329) to locate a PASC Factory Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in material or workmanship which occur during normal use and (when applicable) does not cover the film cartridge, the toner cartridge and drum unit or the print and ink cartridge. The inability of this product to interface with any specific computer is not a manufacturing defect and is outside of the scope of this Limited Warranty. In no event shall the warrantor be liable by reason of such incompatibility. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor such as non Panasonic ink cartridges, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.
THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

Servicenter Directory

For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer Service inquiries please contact: 1-800-HELP-FAX (435-7329), Monday-Friday 9am - 8pm EST.

Web Site: http://www.Panasonic.com
You can purchase parts, accessories or locate your nearest servicenter by visiting our Web Site.

Factory Servicenters Locations

CALIFORNIA
6550 Katella Avenue
Cypress, CA 90630

800 Dubuque Avenue
S. San Francisco,
CA 94080

20201 Sherman Way
Suite 102
Canoga Park, CA 91306

3878 Ruffin Road
Suite A
San Diego, CA 92123

COLORADO
1640 South Abilene Street
Suite D
Aurora, CO 80012

FLORIDA
3700 North 29th Avenue
Suite 102
Hollywood, FL 33020

GEORGIA
8655 Roswell Road
Suite 100
Atlanta, GA 30350

ILLINOIS
9060 Golf Road
Niles, IL 60714

1703 North Randall Road
Elgin, IL 60123
(Pick-up / Drop-off only)

MARYLAND
62 Mountain Road
Glen Burnie, MD 21061

MASSACHUSETTS
60 Glacier Drive
Suite G
Westwood, MA 02090

MICHIGAN
37048 Van Dyke Avenue
Sterling Heights, MI
48312

MINNESOTA
7850-12th Avenue South
Airport Business Center
Bloomington, MN 55425

OHIO
2236 Waycross Road
Civic Center Plaza
Forest Park, OH 45240

PENNSYLVANIA
2221 Cabot Blvd. West
Suite B
Langhorne, PA 19047

Chartiers Valley
Shopping Center
1025 Washington Pike
Bridgeville, PA 15017

TENNESSEE
3800 Ezell Road
Suite 806
Nashville, TN 37211

TEXAS
7482 Harwin Drive
Houston, TX 77036

13615 Welch Road
Suite #101
Farmers Branch,
TX 75244

WASHINGTON
20425-84th Avenue South
Kent, WA 98032

HAWAII
99-859 Iwaiwa Street
Aiea, Hawaii 96701
Phone (808) 488-1996
Fax (808) 486-4369

Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/ Factory Servicenter:
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985
Phone (787) 750-4300 Fax (787) 768-2910

Accessory Purchases:

1-800-332-5368 (Customer Orders Only)
Panasonic Services Company 20421 84th Avenue South, Kent, WA 98032
(6 am to 5 pm Monday – Friday; 6 am to 10:30 am Saturday; PST)
(Visa, MasterCard, Discover Card, American Express, Check)

As of Jul. '98

Notes for product service and shipping the product

For product service

- Servicenters are listed on page 139.
- Call toll free 1-800-HELP-FAX (435-7329) for the location of an authorized servicenter.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom or problem, to the outside of the carton.
- Send the unit to an authorized servicenter, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales offices. These locations do not repair consumer products.

Energy Star

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.
ENERGY STAR is a U.S. registered mark.

Technical data about this product

■ Main unit

Applicable Lines:	Public Switched Telephone Network
Document Size:	Max. 216 mm (8 1/2") in width Max. 600 mm (23 5/8") in length
Effective Scanning Width:	208 mm (8 3/16")
Recording Paper Size:	Letter: 216 mm × 279 mm (8 1/2" × 11") Legal: 216 mm × 356 mm (8 1/2" × 14")
Effective Printing Width:	208 mm (8 3/16")
Transmission Time*:	Approx. 9 s/page (Original mode)**
Scanning Density:	Horizontal: 8 pels/mm (203 pels/inch) Vertical: 3.85 lines/mm (98 lines/inch) —STANDARD mode 7.7 lines/mm (196 lines/inch) —FINE/HALF TONE mode 15.4 lines/mm (392 lines/inch) —SUPER FINE mode
Halftone Level:	64-level
Scanner Type:	Contact Image Sensor (CIS)
Printer Type:	Thermal Printing
Data Compression System:	Modified Huffman (MH), Modified READ (MR)
Modem Speed:	14,400 / 12,000 / 9,600 / 7,200 / 4,800 / 2,400 bps; Automatic Fallback
Operating Environment:	5 °C – 35 °C (41 °F – 95 °F), 20 % – 80 % RH (Relative Humidity)
Dimensions (H × W × D):	143 mm × 345 mm × 305 mm (5 5/8" × 12 13/16" × 12")
Mass (Weight):	Approx. 4.4 kg (9.7 lb.)
Power Consumption:	Standby: Approx. 11 W Transmission: Approx. 18 W Reception: Approx. 42 W (When receiving a 20% black document) Copy: Approx. 48 W (When copying a 20% black document) Maximum: Approx. 160 W (When copying a 100% black document)
Power Supply:	120 V AC, 60 Hz (This unit will not function at 50 Hz.)
Memory Capacity:	Voice memory: Approx. 18 minutes of recording time including the greeting message*** Fax memory: Approx. 28 pages of memory reception Approx. 25 pages of memory transmission (Based on the CCITT of No. 1 Test Chart in standard resolution.)

■ Handset

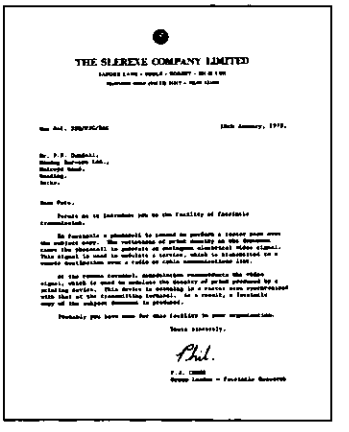
Operating Environment:	5 °C – 35 °C (41 °F – 95 °F), 45 % – 85 % RH (Relative Humidity)
Dimensions (H × W × D):	Approx. 39 mm × 55 mm × 271 mm (1 17/32" × 2 5/32" × 10 11/16")
Mass (Weight):	Approx. 200 g (0.4 lb.)
Power Supply:	Ni-Cd battery (3.6 V, 600 mAh)
Frequency:	926 MHz–927 MHz, 902 MHz–903 MHz (30 channels)
Security Codes:	1,000,000

* Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of the receiving unit.

** The 9 second speed is based upon the CCITT No. 1 Test Chart on the condition that memory transmission is performed.

*** Recording time may be reduced by the calling party's background noise.

CCITT No. 1 Test Chart



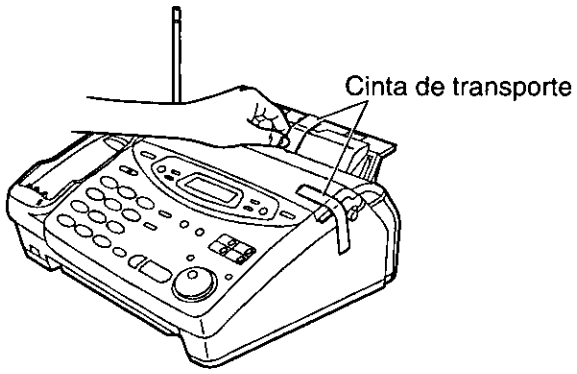
Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

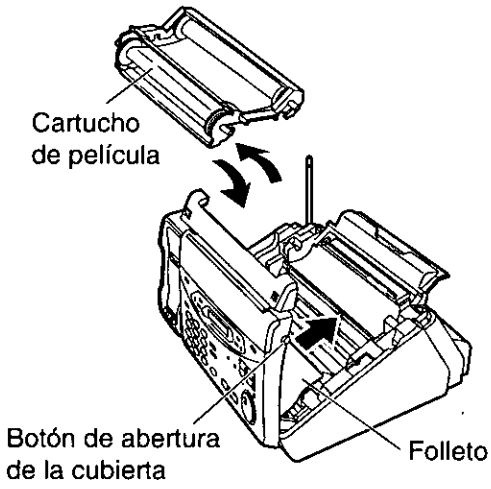
Instalación

Antes de hacer la instalación

A. Quite la cinta de transporte.

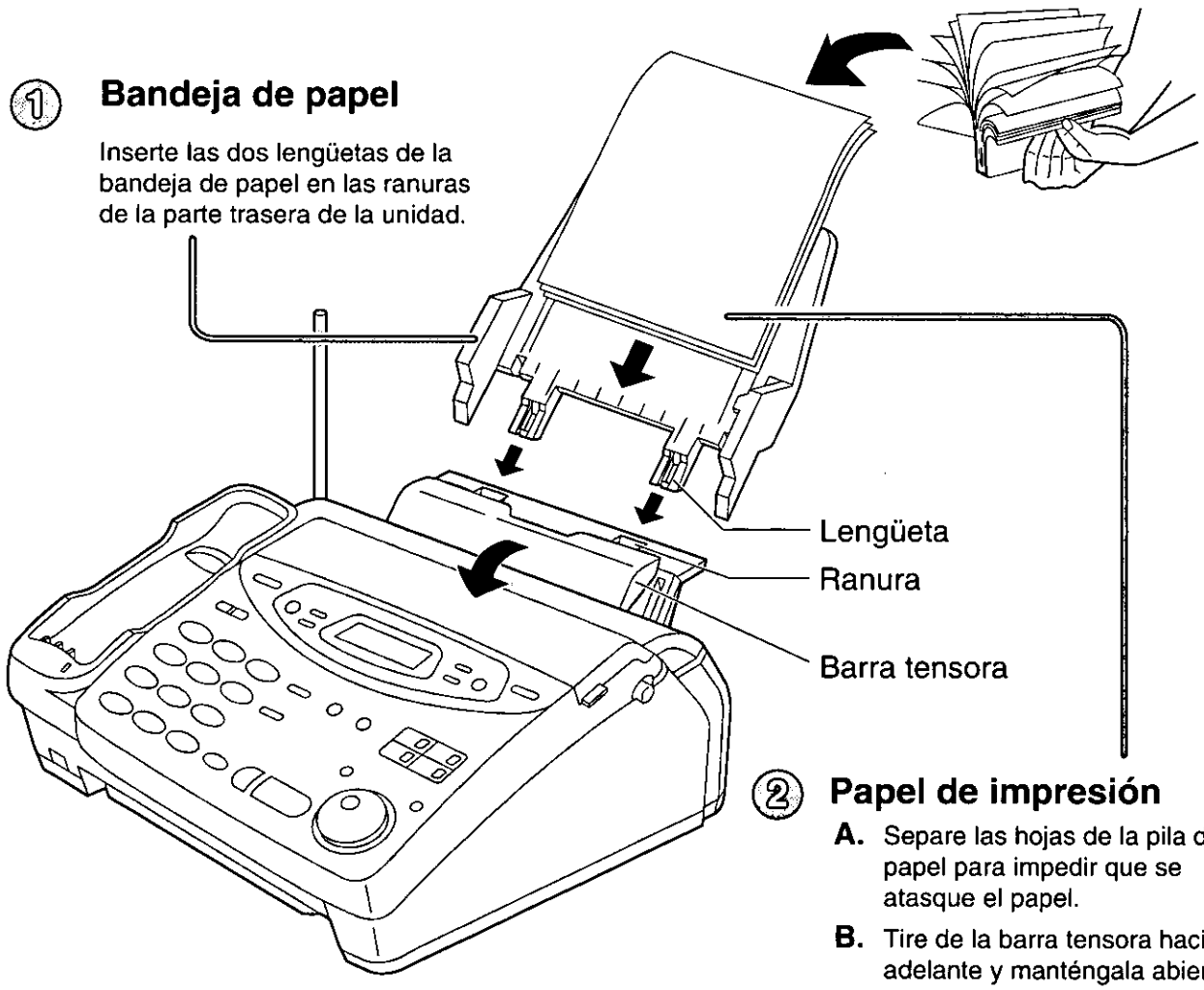


B. Abra la cubierta, quite un folleto de debajo del cartucho de película y cierre la cubierta.



① Bandeja de papel

Inserte las dos lengüetas de la bandeja de papel en las ranuras de la parte trasera de la unidad.

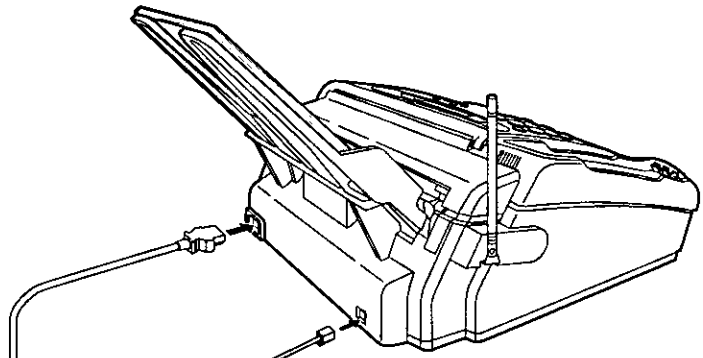


② Papel de impresión

A. Separe las hojas de la pila de papel para impedir que se atasque el papel.

B. Tire de la barra tensora hacia adelante y manténgala abierta mientras introduce el papel.

Conexiones



① **Cable de línea telefónica**

A. Conéctelo a "LINE" de la unidad.

B. Conéctelo a una toma de línea telefónica sencilla.

(Protector contra sobrevoltaje de la línea)

Toma de la pared (RJ11C)

② **Cable de electricidad**

A. Conéctelo a la unidad.

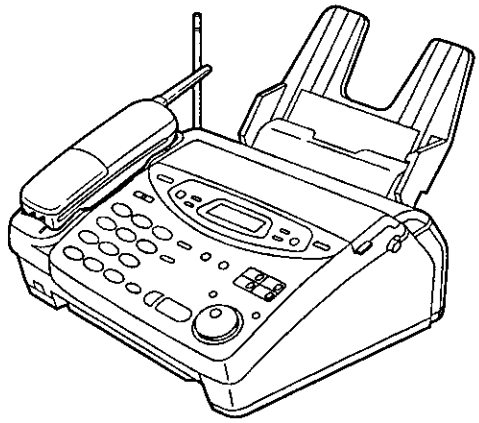
B. Conéctelo a una toma de corriente.

(Protector contra sobrevoltaje de alimentación)

120 V, 60 Hz

Carga de la batería para la unidad portátil

Para utilizar la unidad portátil, cargue la batería durante unas **4 horas** antes de utilizarlo por primera vez.



Programación inicial

■ Ajuste de la fecha y la hora

① Pulse [MENU].
② Pulse [#], y luego [0] [1].
③ Pulse [START/SET/COPY].
④ Introduzca el mes/día/año correcto seleccionándolos con 2 dígitos para cada uno utilizando el teclado de marcación o [JOG DIAL]. Si utiliza [JOG DIAL], pulse [►] para mover el cursor.
⑤ Pulse [START/SET/COPY].
⑥ Introduzca la hora/minuto correcto seleccionando cada uno de ellos mediante 2 dígitos con el teclado de marcación o [JOG DIAL]. Si utiliza [JOG DIAL], pulse [►] para mover el cursor.
Pulse [*] para seleccionar "AM" o "PM".
⑦ Pulse [START/SET/COPY].
⑧ Pulse [MENU].

■ Ajuste de su logotipo

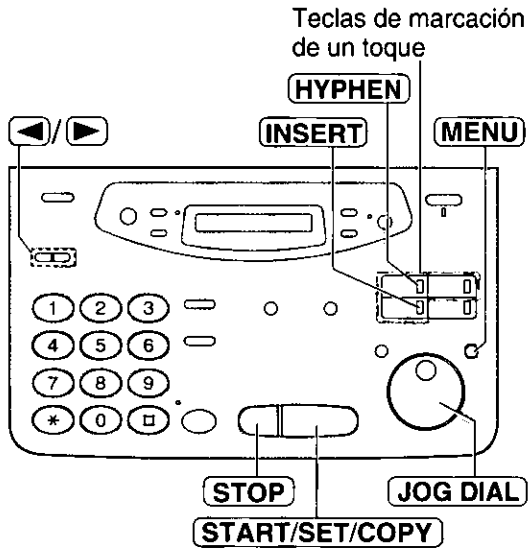
① Pulse [MENU].
② Pulse [#], y luego [0] [2].
③ Pulse [START/SET/COPY].
④ Introduzca su logotipo, con un máximo de 30 caracteres, utilizando el teclado de marcación (consulte las instrucciones de la derecha) o [JOG DIAL] (consulte la página 146).
- Para introducir continuamente el mismo número, pulse [►] para mover el cursor al siguiente espacio.

⑤ Pulse [START/SET/COPY].
⑥ Pulse [MENU].

■ Ajuste del número de teléfono de su facsímil

① Pulse [MENU].
② Pulse [#], y luego [0] [3].
③ Pulse [START/SET/COPY].
④ Introduzca el número de teléfono de su facsímil con un máximo de 20 dígitos utilizando el teclado de marcación o [JOG DIAL]. Si utiliza [JOG DIAL], pulse [►] para mover el cursor.
- El botón [*] reemplaza un caracter por un signo "+" y el botón [#] reemplaza un caracter por un espacio.
- Para introducir un guión en un número de teléfono, pulse [HYPHEN].

⑤ Pulse [START/SET/COPY].
⑥ Pulse [MENU].



Selección de caracteres con el teclado de marcación

Tecla	Caracteres
1	1 [ ] { } + − / = , . _ ` : ; ? |
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0 ( ) < > ! " # $ % & ¥ * @ ^ ' →
INSERT	Se utiliza para insertar un carácter o un espacio.

Para corregir un error

- Pulse [◄] o [►] para mover el cursor al carácter incorrecto, y luego haga la corrección.
- Para borrar un carácter, mueva el cursor al carácter que desee borrar y pulse [STOP] para las características número #02 y #03.

Marcación automática (unidad portátil)

En la unidad portátil usted puede memorizar un máximo de 10 números de teléfono. Las teclas de marcación (0 a 9) funcionan como estaciones de memoria. Asegúrese de que el indicador TALK esté apagado.

■ Memorización de números de teléfono

① Pulse [PROGRAM].
② Introduzca el número de teléfono de hasta 22 dígitos.
③ Pulse [AUTO].
④ Pulse un número de estación de memoria (0 a 9).

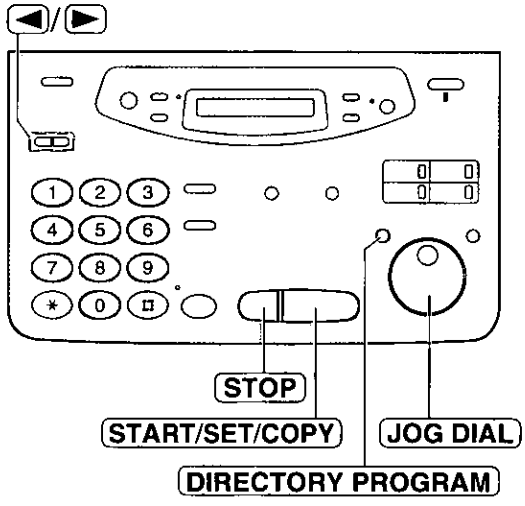
■ Para hacer una llamada de voz utilizando números memorizados

① Pulse [TALK].
② Pulse [AUTO].
③ Pulse el número de estación de memoria deseado (0 a 9).
④ Cuando termine de conversar, pulse [TALK].

Memorización de nombres y números de teléfono en el directorio JOG DIAL

Para acceder rápidamente a los números marcados frecuentemente, además de la marcación de un toque, la unidad proporciona también el directorio JOG DIAL (100 estaciones).

① Pulse [DIRECTORY PROGRAM].
② Gire [JOG DIAL] e introduzca el nombre, hasta 10 caracteres, utilizando el teclado de marcación (consulte la página 144) o [JOG DIAL] (consulte la página 146).
③ Pulse [START/SET/COPY].
④ Introduzca el número de teléfono, un máximo de 30 dígitos.
⑤ Pulse [START/SET/COPY].
⑥ Pulse [DIRECTORY PROGRAM] para salir de la programación.



Para corregir un error

- Pulse ◄ o ► para mover el cursor al carácter incorrecto, y luego haga la corrección.

Para borrar un carácter

- Mueva el cursor al carácter que desee borrar y pulse [STOP].

Memorización de nombres y números de teléfono para la marcación de un toque

① Pulse [DIRECTORY PROGRAM].

② **Para las estaciones 1–3**
Pulse una de las teclas de marcación de un toque.
- Si selecciona la tecla de marcación de un toque 1, 2 ó 3, seleccione "DIAL MODE" pulsando [▼], y luego pulse [START/SET/COPY] para ir a la siguiente indicación.

Para las estaciones 4–6
Pulse [LOWER], y luego pulse una de las teclas de marcación de un toque.

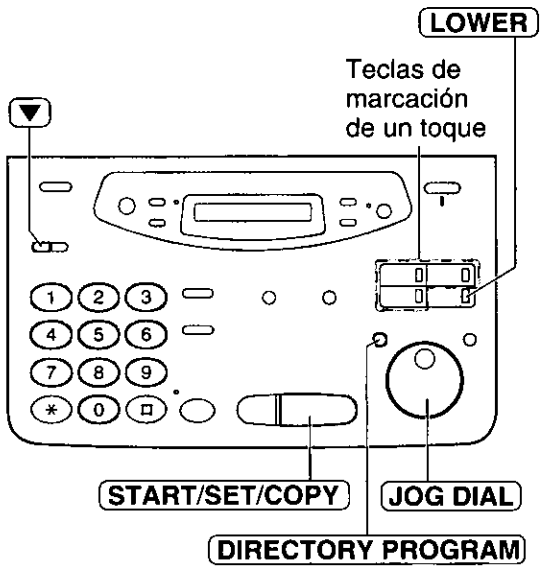
③ Introduzca el nombre de la estación, un máximo de 10 caracteres, utilizando el teclado dè marcación (consulte la página 144) o [JOG DIAL] (consulte abajo).

④ Pulse [START/SET/COPY].

⑤ Introduzca el número de teléfono, un máximo de 30 dígitos.

⑥ Pulse [START/SET/COPY].

⑦ Pulse [DIRECTORY PROGRAM] para salir de la programación.

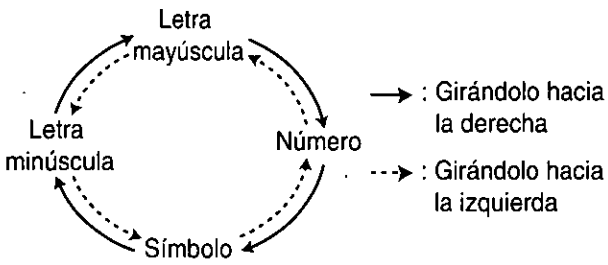


Selección de caracteres con JOG DIAL

En lugar de pulsar las teclas de marcación podrá seleccionar caracteres utilizando JOG DIAL.

1. Gire [JOG DIAL] hasta que se visualice el carácter deseado.
2. Pulse [►] para mover el cursor al siguiente espacio.
   - Se inserta el carácter visualizado en el paso 1.
3. Vuelva al paso 1 para introducir el siguiente carácter.

Orden de visualización de los caracteres



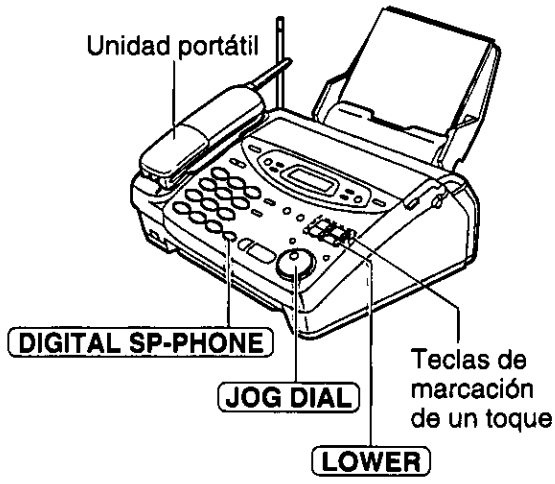
Para hacer/contestar una llamada de voz

■ Para hacer manualmente una llamada de voz

❶ Pulse [TALK] en la unidad portátil o [DIGITAL SP-PHONE] en la unidad principal.

❷ Marque el número de teléfono.

❸ Cuando termine de conversar, pulse [TALK], [DIGITAL SP-PHONE] o cuelgue la unidad portátil.



■ Para hacer una llamada de voz utilizando la marcación de un toque

❶ Pulse [DIGITAL SP-PHONE].

❷ **Para las estaciones 1–3**
Pulse la tecla de marcación de un toque deseada.
Para las estaciones 4–6
Pulse [LOWER], y luego pulse la tecla de marcación de un toque deseada.

❸ Cuando conteste la otra persona, hable dirigiéndose al micrófono.

❹ Cuando termine de conversar, pulse [DIGITAL SP-PHONE].

■ Para hacer una llamada de voz utilizando el directorio JOG DIAL

❶ Gire [JOG DIAL] hasta que se visualice el nombre deseado.

❷ **— Cuando la unidad portátil no esté en la unidad principal:**
Pulse [TALK] en la unidad portátil.

— Cuando la unidad portátil esté en la unidad principal:
Pulse [DIGITAL SP-PHONE], o levante la unidad portátil.

- La unidad empezará a marcar automáticamente.

❸ Cuando termine de conversar, pulse [TALK], [DIGITAL SP-PHONE] o cuelgue la unidad portátil.

■ Para contestar una llamada de voz

❶ Cuando la unidad suene, conteste la llamada.

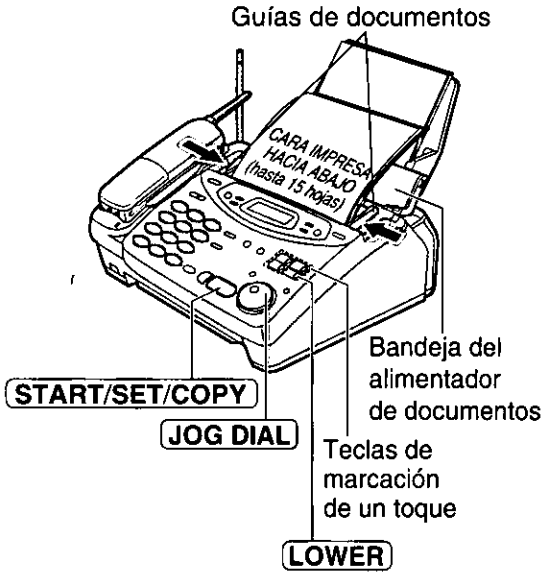
— Cuando la unidad portátil no esté en la unidad principal:
Pulse [TALK] en la unidad portátil o [DIGITAL SP-PHONE] en la unidad principal.

— Cuando la unidad portátil esté en la unidad principal:
Pulse [DIGITAL SP-PHONE], o levante la unidad portátil.

❷ Cuando termine de conversar, pulse [TALK], [DIGITAL SP-PHONE] o cuelgue la unidad portátil.

Envío de un fax

■ Envío manual de un fax



1. Abra la bandeja del alimentador de documentos.
2. Ajuste la anchura de las guías de documentos según el tamaño del documento.
3. Introduzca el documento hasta que oiga un pitido.
4. Marque el número del fax.
5. Pulse [START/SET/COPY].

■ Envío de un fax utilizando la marcación de un toque

1. Abra la bandeja del alimentador de documentos.
2. Ajuste la anchura de las guías de documentos según el tamaño del documento.
3. Introduzca el documento hasta que oiga un pitido.
4. **Para las estaciones 1–3**
   Pulse la tecla de marcación de un toque deseada.
   Para las estaciones 4–6
   Pulse [LOWER], y luego pulse la tecla de marcación de un toque deseada.

■ Envío de un fax utilizando el directorio JOG DIAL

1. Abra la bandeja del alimentador de documentos.
2. Ajuste la anchura de las guías de documentos según el tamaño del documento.
3. Introduzca el documento hasta que oiga un pitido.
4. Gire [JOG DIAL] hasta que se visualice el nombre deseado.
5. Pulse [START/SET/COPY].

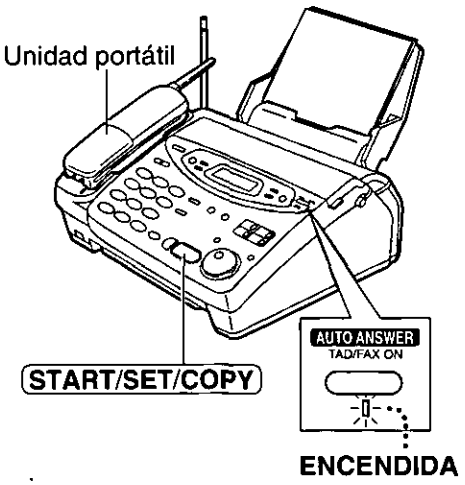
Recibiendo un fax

■ Recepción manual de un fax

❶ Levante la unidad portátil cuando oiga el timbre de la unidad.

❷ Cuando:
— sea necesario recibir un documento,
— se oiga un tono de llamada de fax (pitido lento), o
— no se oiga sonido,
pulse (START/SET/COPY) en la unidad principal
O
pulse firmemente (FAX) en la unidad portátil hasta que oiga un pitido.

❸ Cuelgue la unidad portátil.



■ Recepción automática de un fax

Pulse (AUTO ANSWER) para activar el modo AUTO ANSWER.

Para hacer una copia

❶ Abra la bandeja del alimentador de documentos.

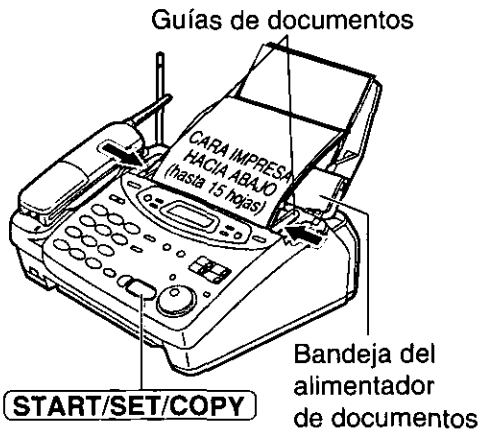
❷ Ajuste la anchura de las guías de documentos según el tamaño del documento.

❸ Introduzca el documento hasta que oiga un pitido.

❹ Pulse (START/SET/COPY).

❺ Introduzca el número de copias.

❻ Pulse (START/SET/COPY).

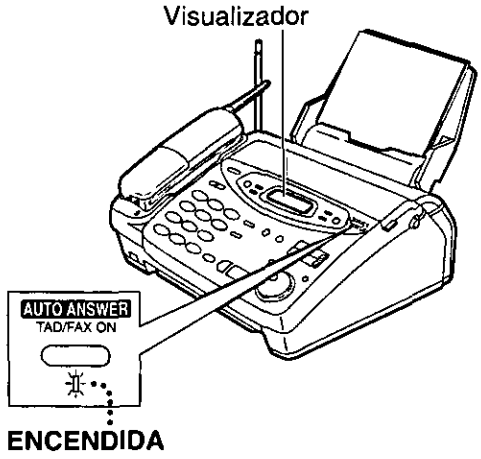


Operación del sistema de contestación

■ Preparación del mensaje de voz y de la recepción de documentos

❶ Pulse [AUTO ANSWER] hasta que se encienda la luz AUTO ANSWER.

❷ Asegúrese de que el visualizador muestre "TAD/FAX MODE".



ENCENDIDA

■ Escucha de mensajes grabados

Cuando la luz PLAY MESSAGES esté parpadeando

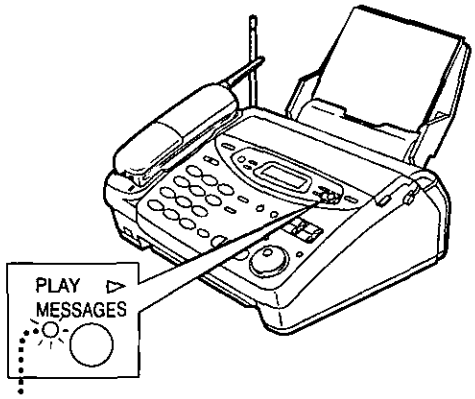
Pulse [PLAY MESSAGES].

- La unidad sólo reproducirá los mensajes nuevos.

Cuando la luz PLAY MESSAGES esté encendida

Pulse [PLAY MESSAGES].

- La unidad reproducirá todos los mensajes.



PARPADEANDO/ ENCENDIDA

■ Borrado de mensajes grabados

Borrado de un mensaje específico

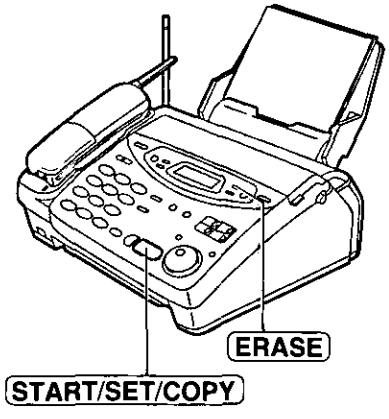
Pulse [ERASE] mientras escucha el mensaje que desee borrar.

Borrado de todos los mensajes

❶ Pulse [ERASE] después de escuchar todos los mensajes.

❷ Pulse [START/SET/COPY].

❸ Pulse de nuevo [START/SET/COPY].



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Summary of user programmable features

Basic features

Code	Feature & Display	Available settings	Meaning	Page
#01	Setting the date and time SET DATE & TIME	(2 digits for each entry)	mm/dd/yy hh:mm	27
#02	Setting your logo YOUR LOGO	(Up to 30 characters)		28
#03	Setting your facsimile telephone number YOUR FAX NO.	(Up to 20 digits)		30
#04	Printing the sending report SENDING REPORT	**ERROR**	If transmission fails	67
		ON	Activate	
		OFF	Deactivate	
#06	Setting the ring count in the TAD/FAX mode TAD RING COUNT	1, **2**, 3, 4	1 to 4 rings	115
		TOLL SAVER	Saves you the charges for the call.	
		RINGER OFF	Does not ring.	
	Setting the ring count in the FAX ONLY mode FAX RING COUNT	1, **2**, 3, 4	1 to 4 rings	80
#10	Setting the caller's recording time RECORDING TIME	**VOX**	Unlimited	116
		1 MIN	1 minute	
#11	Setting the remote operation ID REMOTE TAD ID	ID=**111**	Any 3-digit number except a number using digits 0 or 7	108
#13	Setting the dialing mode DIALING MODE	**AUTO**	Sets the dialing mode automatically.	43
		TONE	Sets to TONE.	
		PULSE	Sets to PULSE.	
#18	Checking the amount of remaining film FILM REMAIN			130

(The pre-selected setting is in bold.)

Note:

- You can display basic features in the order above by rotating **JOG DIAL** instead of entering the code number (#01, #02, etc.).

Advanced features

Code	Feature & Display	Available settings	Meaning	Page
#22	Setting the journal report to print automatically AUTO JOURNAL	**ON**	Activate	68
		OFF	Deactivate	
#23	Sending documents overseas OVERSEAS MODE	ON	Activate	74
		OFF	Deactivate	
#25	Sending a fax at a specified time DELAYED SEND	ON	Activate	69
		OFF	Deactivate	
#26	Setting the Caller ID list to print automatically AUTO CALL. LIST	**ON**	Activate	57
		OFF	Deactivate	
#30	Setting the silent fax recognition ring count SILENT FAX RING	**3**, 4, 5, 6	3 to 6 rings	87
#31	Setting the Distinctive Ring pattern RING DETECTION	A, B, C, D	Patterns A-D	83
		OFF	Deactivate	
#36	Receiving other sizes of documents RCV REDUCTION	100%	Deactivate reduction	89
		92%	92% reduction	
		86%	86% reduction	
		72%	72% reduction	
#39	Changing the display contrast LCD CONTRAST	**NORMAL**	Normal contrast	136
		DARKER	Darker contrast	
#41	Changing the fax activation code FAX ACTIVATION	**ON** / CODE= ✱ **9**	Activate	88
		OFF	Deactivate	
#42	Setting the message alert MESSAGE ALERT	ON	Activate	116
		OFF	Deactivate	
#43	Setting the recording time alert REC. TIME ALERT	ON	Activate	117
		OFF	Deactivate	
#44	Setting the memory reception alert RECEIVE ALERT	**ON**	Activate	90
		OFF	Deactivate	
#46	Setting the friendly reception FRIENDLY RCV	**ON**	Activate	91
		OFF	Deactivate	

(The pre-selected setting is in bold.)

Code	Feature & Display	Available settings	Meaning	Page
#47	Setting the fax voice guidance FAX GUIDANCE	**ON**	Activate	135
		OFF	Deactivate	
		ERROR	If transmission/reception error occurs.	
#54	Setting the recording time for the TAD/FAX greeting message GREETING TIME	**16s**	16 seconds long	100
		60s	60 seconds long	
#60	Setting the message transfer call MESSAGE TRANS.	ON	Activate	113
		OFF	Deactivate	
#61	Recording the message transfer greeting message TRNS-GREETING	**CHECK**	Checks the greeting message.	114
		RECORD	Records the greeting message.	
		ERASE	Erases the greeting message.	
#67	Setting the incoming message monitor ICM MONITOR	**ON**	Activate	117
		OFF	Deactivate	
#70	Signaling your pager when your unit receives a fax and/or an incoming message PAGER CALL	ON	Activate	92
		OFF	Deactivate	
#75	Setting the IQ-FAX function IQ-FAX	ON	Activate	63
		OFF	Deactivate	
#76	Setting the connecting tone CONNECTING TONE	**ON**	Activate	75
		OFF	Deactivate	
#77	Changing the AUTO ANSWER setting AUTO ANSWER	**TAD/FAX**	Telephone Answering Device/ Facsimile mode	79
		FAX ONLY	Facsimile only mode	
		TEL/FAX	Telephone/Facsimile mode	
#78	Setting the TEL/FAX delayed ring count TEL/FAX RING	1, **2**, 3, 4	1 to 4 rings	87
#79	Setting the film detection FILM DETECTION	**ON**	Activate	93
		OFF	Deactivate	
#80	Resetting the advanced features SET DEFAULT	YES	Reset	136
		NO	Will not reset.	

(The pre-selected setting is in bold.)

Panasonic
KX-FPC141
Proof of Purchase

Panasonic FAX ADVANTAGE PROGRAM

Free peace of mind, direct from Panasonic

NO EXTRA COST

Panasonic
FAX ADVANTAGE PROGRAM

- ***1-year limited warranty[1] parts & labor***
- ***Toll-free help line***
- ***Free overnight replacement[2] and repair program***

The Panasonic Fax Advantage Consumer Service Program.

Panasonic knows that if your fax machine is not up and running, neither is your business. That's why we created the Panasonic Fax Advantage Program. Included at no extra cost with the purchase of a Panasonic Fax Machine, the Fax Advantage Program can provide a free replacement unit[2] overnight if your original unit is in need of repair.

Here's how it works:

1. If you have a problem with your fax while it is covered by the one-year limited warranty[1], call our toll-free help-line at 1-800-HELPFAX.
2. Talk to one of our technical experts to diagnose your problem over the phone.
3. If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty[3], we will send a refurbished replacement unit to you overnight or second business day delivery, depending on the time of your call.

A second option available under our one-year limited warranty is to mail-in or carry-in your fax to one of our Regional Service centers, where the unit will be repaired and returned to you.

Instructions

If you choose to receive a replacement unit under the Fax Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality-tested by Panasonic technicians and individually hand-inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box. UPS will pick up the unit at no charge to you, should it be determined that you are entitled to warranty service. A proof-of-purchase must be included with the returned product. Any unit that is replaced by Panasonic and not shipped with proper proof-of-purchase by you will be subject to a minimum $100.00 charge. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or inadequate packing will be charged to you as an out-of-warranty cost. If our 1-800-HELPFAX technicians determine that your unit may be an "out-of-box failure"[4], we will attempt to provide you with a factory-new replacement unit[5]. You must ship a copy of your receipt with your original unit to verify that you purchased the unit within 10 days prior to your 1-800-HELPFAX call.

Requirements

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima). Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your original unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out-of-warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the overnight delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product.

1. See dealer for limited warranty details.
2. Replacement unit is refurbished.
3. Replacement program excludes Puerto Rico and is subject to termination at any time without advance notice.
4. "Out-of-box failure" is an inoperable unit that was purchased no more than 10 days prior to your 1-800-HELPFAX call, and would otherwise qualify for warranty service under the terms and conditions of the limited warranty.
5. Panasonic reserves the right to send a refurbished unit.

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